

# American Century Mid Cap Value I AVUAX

**Morningstar Category**  
Mid-Cap Value

**Morningstar Index**  
Russell Mid Cap Value TR USD

## Portfolio Manager(s)

Michael Liss since 03-2004  
Phillip Davidson since 03-2004  
Kevin Toney since 08-2008  
Brian Woglom since 02-2012

## Quantitative Screens

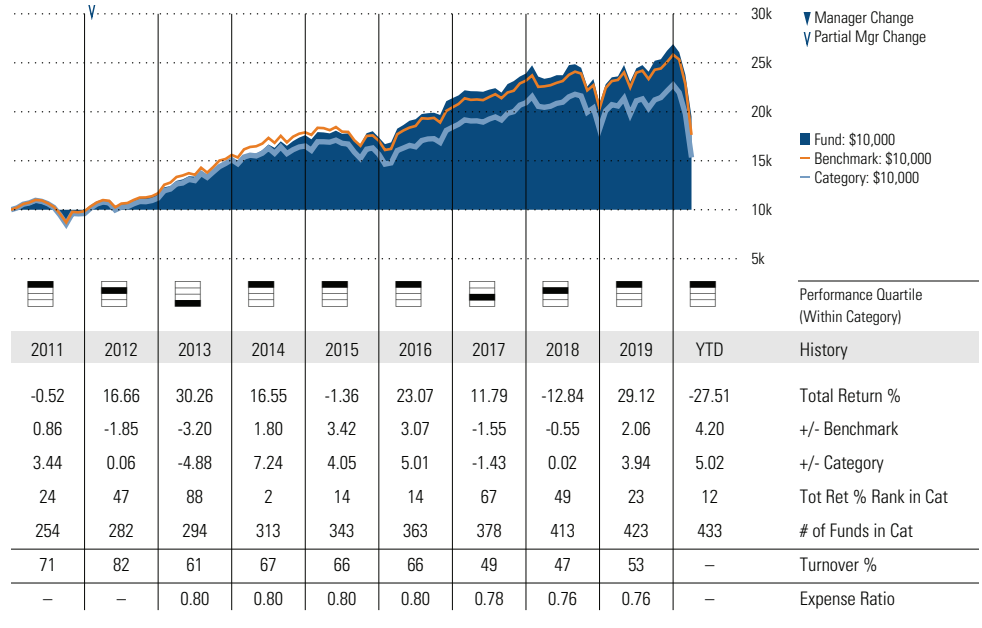
**Performance:** The fund has finished in the Mid-Cap Value category's top three quartiles in 9 of the 10 years it's been in existence.

**Management:** The fund's management has been in place for 16.01 years.

**Style:** The fund has landed in its primary style box — Mid-Cap Value — 100 % of the time over the past three years.

**Net Expense:** The fund's expense ratio of 0.76 is 26.92% lower than the Mid-Cap Value category average.

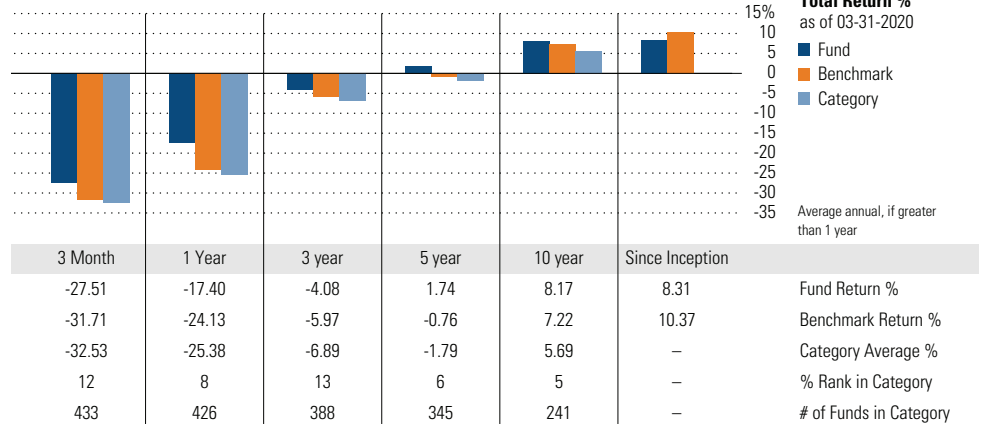
## Growth of \$10,000



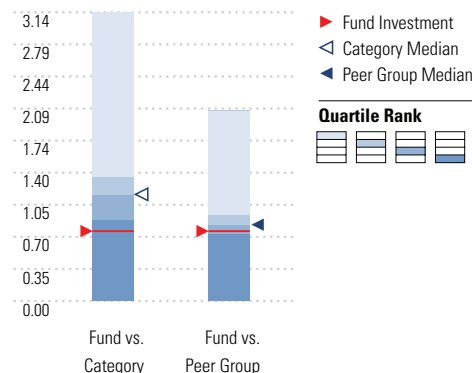
## Morningstar Investment Management LLC Analysis

This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	1.21	-	-0.80
Beta	0.90	-	1.03
R-Squared	96.48	-	96.23
Standard Deviation	17.91	19.52	20.44
Sharpe Ratio	-0.24	-0.30	-0.32
Tracking Error	3.87	-	4.29
Information Ratio	0.49	-	-0.17
Up Capture Ratio	101.72	-	102.10
Down Capture Ratio	93.53	-	105.84

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	12.52	12.39	10.28
Price/Book Ratio	1.53	1.34	1.11
Geom Avg Mkt Cap \$B	12.03	9.66	7.95
ROE	14.93	11.68	13.03

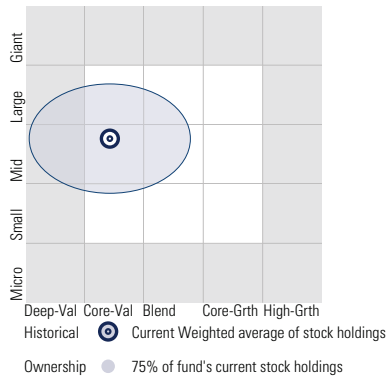
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## Style Analysis as of 03-31-2020

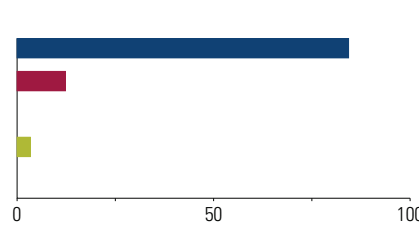
Morningstar Style Box™



## Style Breakdown

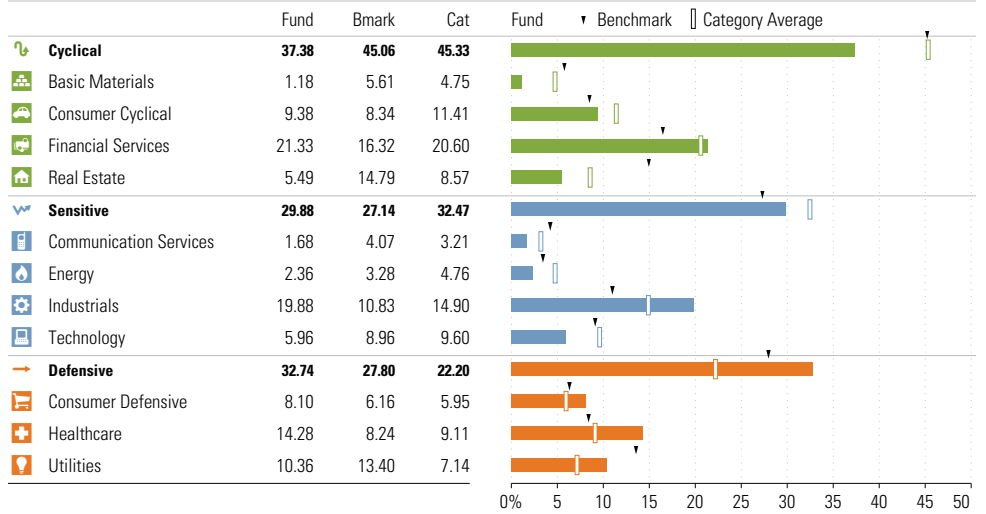


## Asset Allocation as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	84.34	92.17
Non-US Stocks	12.30	5.26
Bonds	0.00	0.05
Cash	3.36	2.22
Other	0.00	0.30
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2020



## Top 15 Holdings as of 03-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Zimmer Biomet Holdings Inc	3.37	3.37	-32.31	Healthcare
⊕ Northern Trust Corp	3.00	6.37	-28.31	Financial Services
⊕ Emerson Electric Co	2.02	8.39	-36.86	Industrials
⊕ Edison International	1.90	10.29	-26.50	Utilities
⊕ Chubb Ltd	1.89	12.18	-27.77	Financial Services
⊖ Truist Financial Corp	1.79	13.98	-44.44	Financial Services
⊕ nVent Electric PLC	1.78	15.75	-33.37	Industrials
⊖ Hubbell Inc	1.68	17.43	-21.76	Industrials
⊕ Ssc Government Mm Gvmxx	1.64	19.07	-	-
⊖ Xcel Energy Inc	1.63	20.70	-4.35	Utilities
⊕ Johnson Controls International PLC	1.61	22.32	-33.14	Industrials
⊕ McKesson Corp	1.57	23.89	-1.92	Healthcare
⊕ Pinnacle West Capital Corp	1.57	25.46	-14.85	Utilities
⊕ Norfolk Southern Corp	1.51	26.97	-24.31	Industrials
⊕ Universal Health Services Inc Class B	1.50	28.47	-30.80	Healthcare

**Total Holdings 100**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

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## Quantitative Screens

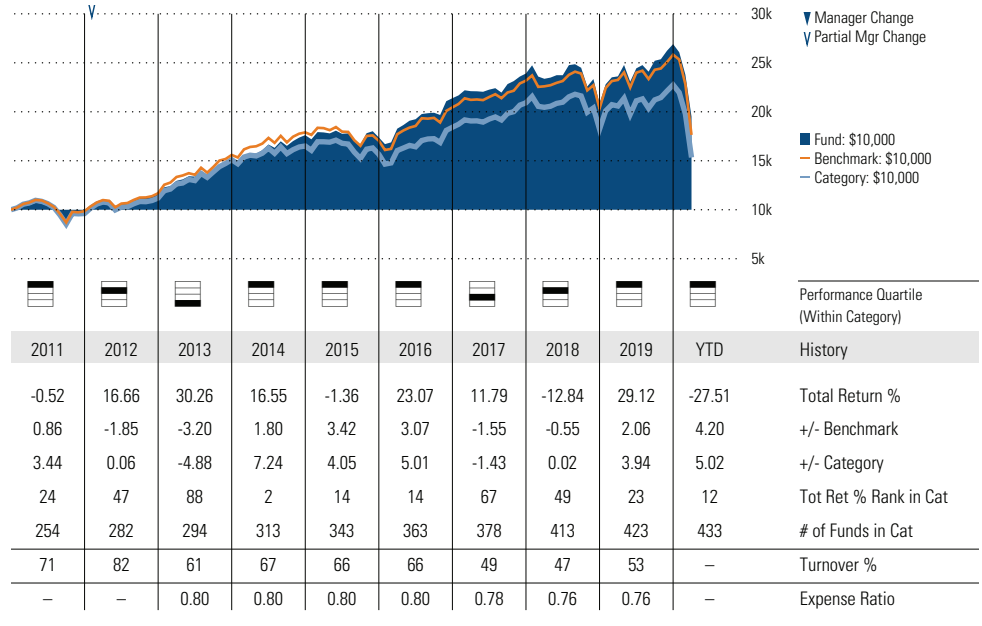
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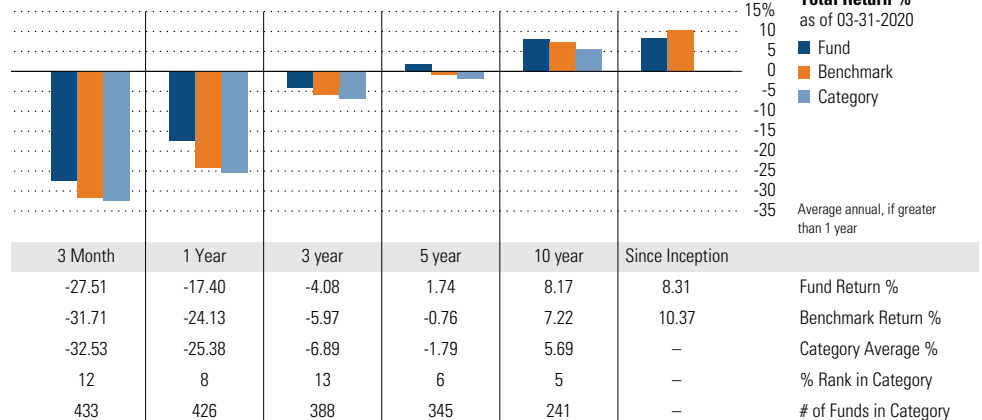
## Growth of \$10,000



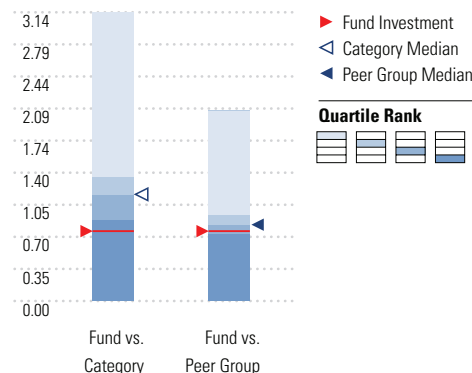
## Morningstar Investment Management LLC Analysis

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## Trailing Performance



## Net Expense



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## 3-Year Risk Metrics

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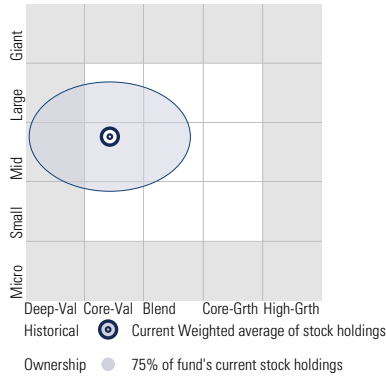
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## Style Analysis as of 03-31-2020

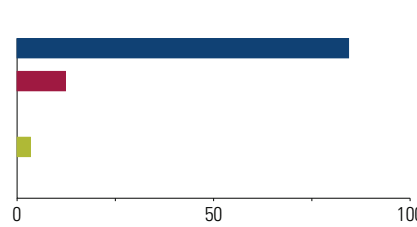
Morningstar Style Box™



## Style Breakdown

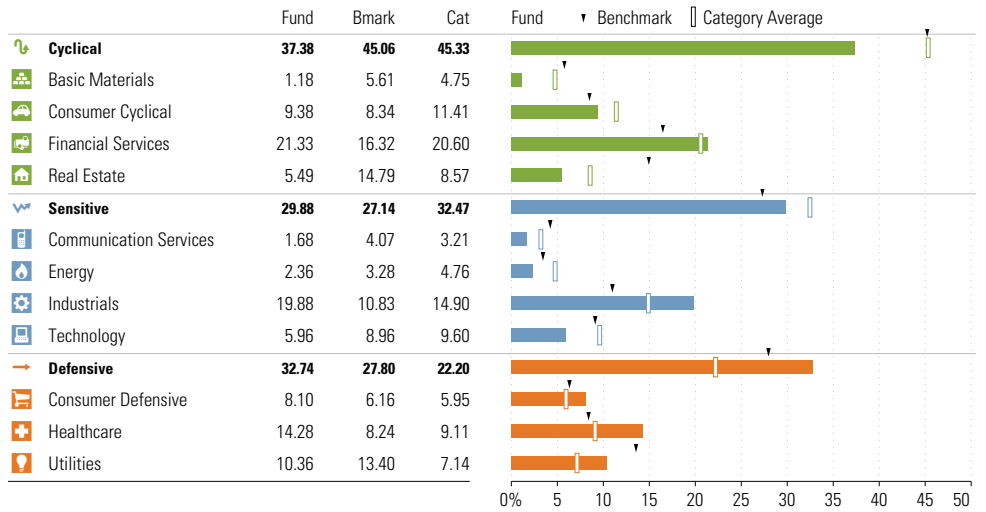


## Asset Allocation as of 03-31-2020



Asset Class	Net %	Cat%
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**Total Holdings 100**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# American Funds Capital Income Bldr R6 RIRGX

**Morningstar Category**  
World Allocation

**Morningstar Index**  
Morningstar Gbl Allocation TR USD

## Portfolio Manager(s)

James Lovelace since 01-1992  
 Joyce Gordon since 01-2000  
 David Hoag since 01-2004  
 David Riley since 01-2004  
 Winnie Kwan since 01-2007  
 Steven Watson since 01-2007  
 Bradley Vogt since 01-2009  
 L. Barroso since 01-2010  
 Grant Cambridge since 01-2013  
 Philip Winston since 01-2014  
 Fergus MacDonald since 01-2015

## Quantitative Screens

✔ **Performance:** The fund has finished in the World Allocation category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 28.27 years.

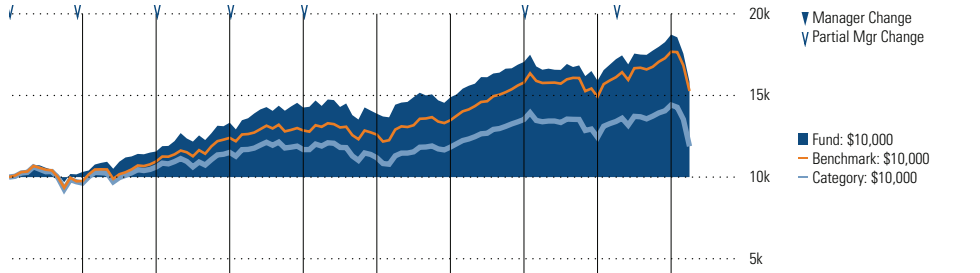
✔ **Style:** The fund has landed in its primary style box — Large Value — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.28 is 75.65% lower than the World Allocation category average.

## Morningstar Investment Management LLC Analysis

This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

## Growth of \$10,000



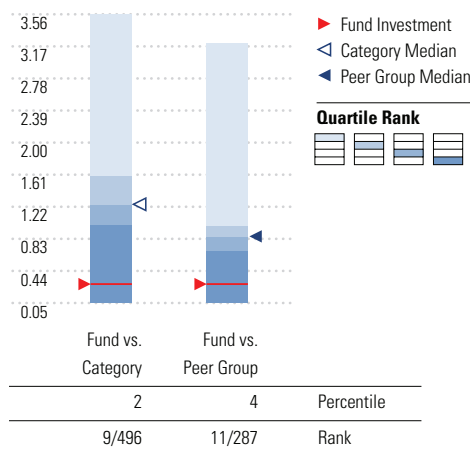
	2011	2012	2013	2014	2015	2016	2017	2018	2019	YTD	History
Performance Quartile (Within Category)	III	III	III	III	III	III	III	III	III	III	History
Total Return %	3.15	12.18	15.24	6.93	-2.64	7.23	14.56	-6.74	17.75	-15.40	Total Return %
+/- Benchmark	5.54	-0.06	2.05	3.27	-0.66	0.23	-2.56	-1.18	-0.78	-1.79	+/- Benchmark
+/- Category	7.14	1.44	5.17	5.39	1.51	1.19	-0.23	1.52	1.65	2.07	+/- Category
Tot Ret % Rank in Cat	6	36	33	5	44	25	53	29	36	33	Tot Ret % Rank in Cat
# of Funds in Cat	229	264	296	312	337	372	395	427	475	501	# of Funds in Cat
Turnover %	47	68	69	55	63	47	73	-	45	-	Turnover %
Expense Ratio	-	-	0.30	0.32	0.30	0.30	0.30	0.29	0.28	-	Expense Ratio

## Trailing Performance



	3 Month	1 Year	3 year	5 year	10 year	Since Inception	
Fund Return %	-15.40	-8.00	0.53	1.99	5.49	7.27	Fund Return %
Benchmark Return %	-13.61	-5.24	2.59	3.15	5.24	6.52	Benchmark Return %
Category Average %	-17.47	-11.01	-1.46	0.13	3.57	-	Category Average %
% Rank in Category	33	31	27	12	4	-	% Rank in Category
# of Funds in Category	501	476	406	338	210	-	# of Funds in Category

## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-1.97	-	-3.80
Beta	0.99	-	1.13
R-Squared	93.98	-	90.89
Standard Deviation	9.58	9.41	11.24
Sharpe Ratio	-0.08	0.13	-0.17
Tracking Error	2.35	-	3.83
Information Ratio	-0.88	-	-0.97
Up Capture Ratio	88.62	-	90.00
Down Capture Ratio	105.55	-	122.42

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	14.52	14.99	11.98
Price/Book Ratio	1.84	1.73	1.33
Avg Eff Duration	5.70	8.11	3.89

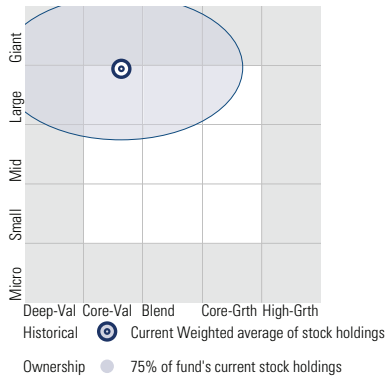
# American Funds Capital Income Bldr R6 RIRGX

**Morningstar Category**  
World Allocation

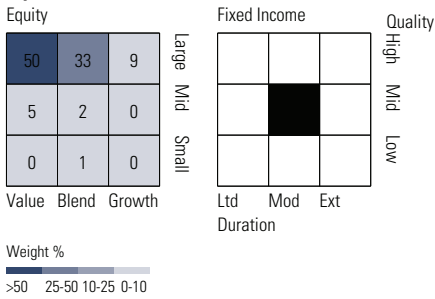
**Morningstar Index**  
Morningstar Gbl Allocation TR USD

## Style Analysis as of 03-31-2020

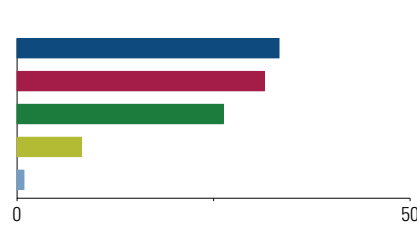
Morningstar Style Box™



## Style Breakdown

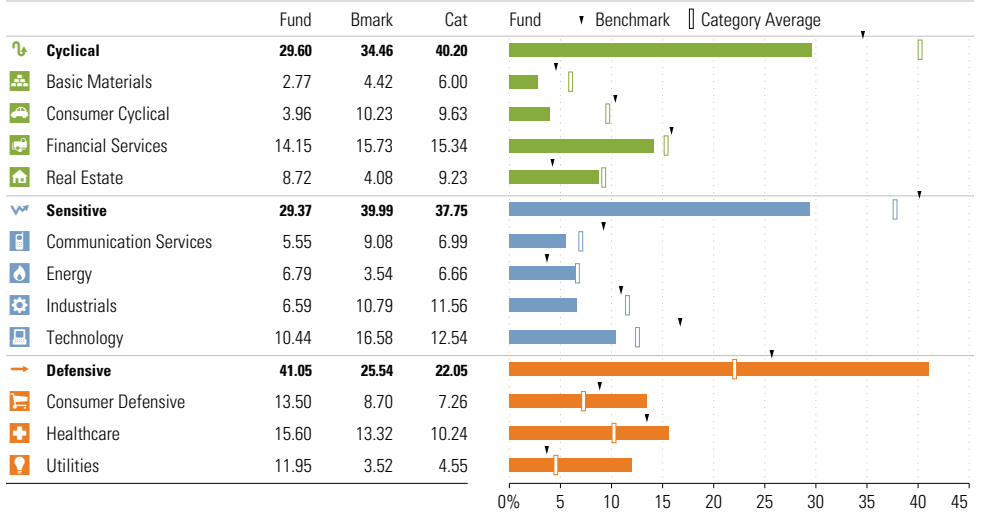


## Asset Allocation as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	33.32	27.87
Non-US Stocks	31.44	28.62
Bonds	26.21	30.05
Cash	8.15	12.54
Other	0.87	0.87
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2020



## Top 10 Holdings as of 03-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Capital Group Central Cash Fund	—	8.24	8.24	—	—
⊕ Gilead Sciences Inc	—	2.19	10.43	16.10	Healthcare
⊕ Crown Castle International Corp	—	2.08	12.51	2.43	Real Estate
⊖ Microsoft Corp	—	2.02	14.53	0.33	Technology
⊕ Broadcom Inc	—	1.96	16.49	-23.94	Technology
⊕ Amgen Inc	—	1.87	18.36	-15.24	Healthcare
⊕ Novartis AG	—	1.85	20.21	-9.90	Healthcare
⊕ Zurich Insurance Group AG	—	1.74	21.95	-13.52	Financial Services
⊖ E.ON SE	—	1.56	23.51	-0.87	Utilities
⊕ Philip Morris International Inc	—	1.53	25.04	-12.88	Consumer Defensive

## Total Holdings 1572

⊕ Increase ⊖ Decrease ✨ New to Portfolio

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World Allocation

**Morningstar Index**  
Morningstar Gbl Allocation TR USD

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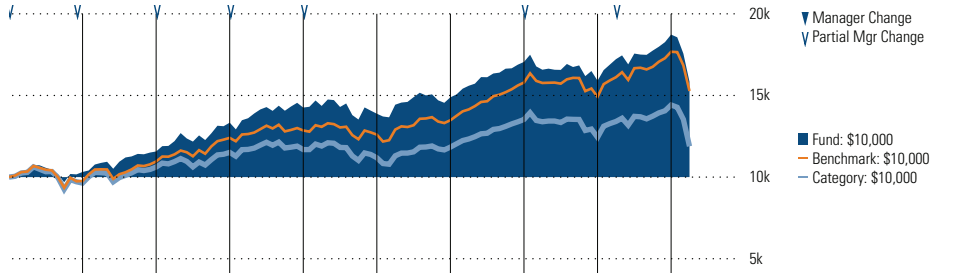
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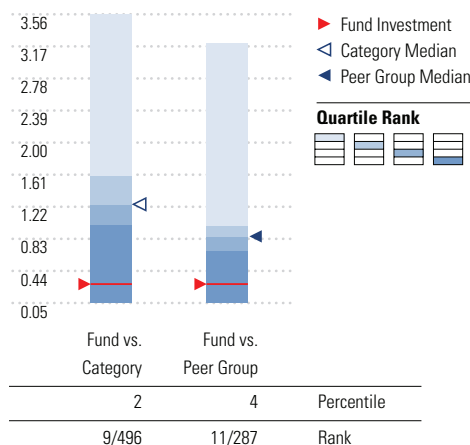
2011	2012	2013	2014	2015	2016	2017	2018	2019	YTD	History
3.15	12.18	15.24	6.93	-2.64	7.23	14.56	-6.74	17.75	-15.40	Total Return %
5.54	-0.06	2.05	3.27	-0.66	0.23	-2.56	-1.18	-0.78	-1.79	+/- Benchmark
7.14	1.44	5.17	5.39	1.51	1.19	-0.23	1.52	1.65	2.07	+/- Category
6	36	33	5	44	25	53	29	36	33	Tot Ret % Rank in Cat
229	264	296	312	337	372	395	427	475	501	# of Funds in Cat
47	68	69	55	63	47	73	-	45	-	Turnover %
-	-	0.30	0.32	0.30	0.30	0.30	0.29	0.28	-	Expense Ratio

## Trailing Performance



3 Month	1 Year	3 year	5 year	10 year	Since Inception	
-15.40	-8.00	0.53	1.99	5.49	7.27	Fund Return %
-13.61	-5.24	2.59	3.15	5.24	6.52	Benchmark Return %
-17.47	-11.01	-1.46	0.13	3.57	-	Category Average %
33	31	27	12	4	-	% Rank in Category
501	476	406	338	210	-	# of Funds in Category

## Net Expense



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## Portfolio Metrics

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Price/Earnings Ratio	14.52	14.99	11.98
Price/Book Ratio	1.84	1.73	1.33
Avg Eff Duration	5.70	8.11	3.89



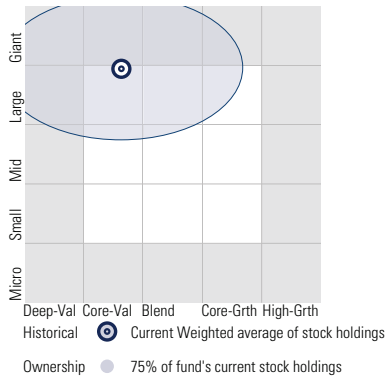
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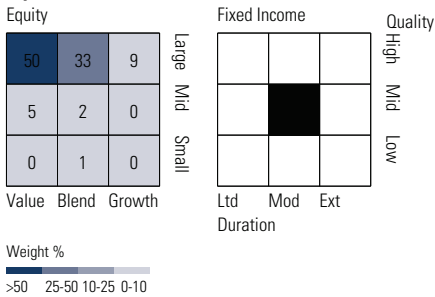
**Morningstar Index**  
Morningstar Gbl Allocation TR USD

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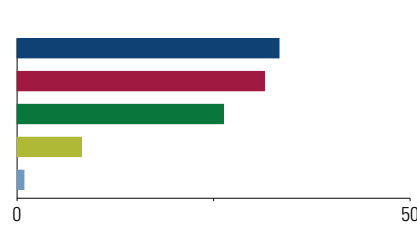
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## Style Breakdown

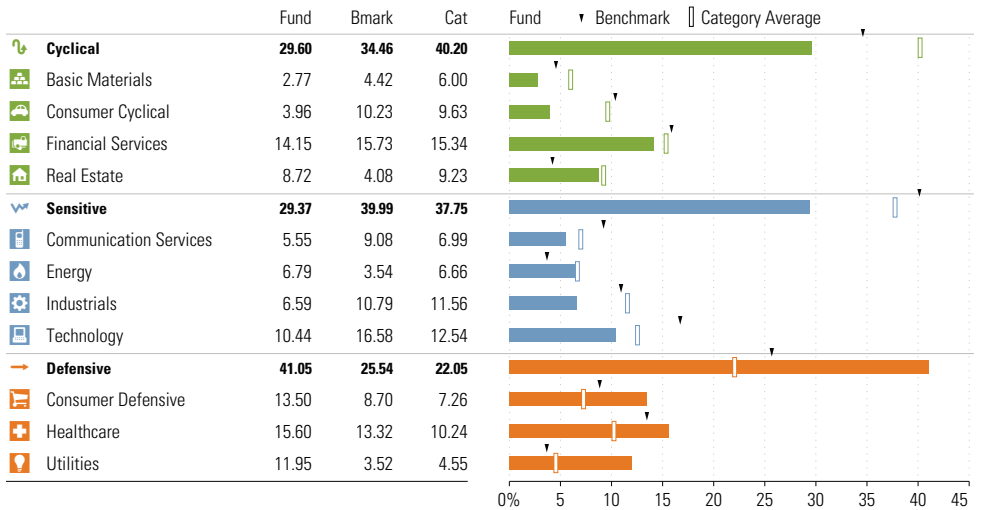


## Asset Allocation as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	33.32	27.87
Non-US Stocks	31.44	28.62
Bonds	26.21	30.05
Cash	8.15	12.54
Other	0.87	0.87
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2020



## Top 10 Holdings as of 03-31-2020

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⊖ Microsoft Corp	—	2.02	14.53	0.33	Technology
⊕ Broadcom Inc	—	1.96	16.49	-23.94	Technology
⊕ Amgen Inc	—	1.87	18.36	-15.24	Healthcare
⊕ Novartis AG	—	1.85	20.21	-9.90	Healthcare
⊕ Zurich Insurance Group AG	—	1.74	21.95	-13.52	Financial Services
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## Total Holdings 1572

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# American Funds New Perspective R6 RNPGX

**Morningstar Category**  
World Large Stock

**Morningstar Index**  
MSCI ACWI Ex USA NR USD

## Portfolio Manager(s)

Robert Lovelace since 12-2000  
Jonathan Knowles since 12-2004  
Steven Watson since 12-2005  
Brady Enright since 12-2005  
Jody Jonsson since 12-2005  
Noriko Chen since 04-2012  
Andraz Razen since 07-2015

## Quantitative Screens

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✔ **Management:** The fund's management has been in place for 19.34 years.

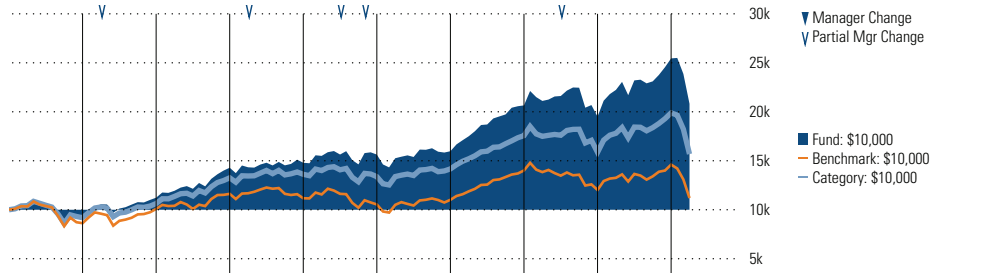
✔ **Style:** The fund has landed in its primary style box — Large Growth — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.44 is 60.36% lower than the World Large Stock category average.

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This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

## Growth of \$10,000



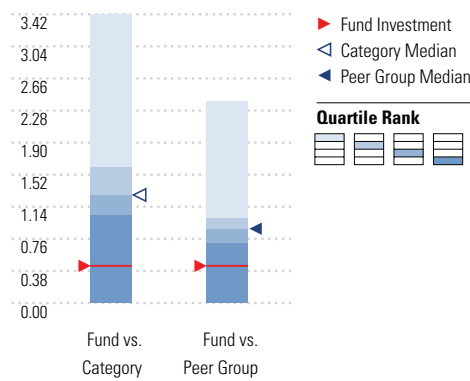
2011	2012	2013	2014	2015	2016	2017	2018	2019	YTD	History
-7.33	21.19	27.23	3.56	5.63	2.19	29.30	-5.56	30.48	-18.20	Total Return %
6.38	4.36	11.94	7.43	11.29	-2.31	2.11	8.64	8.97	5.16	+/- Benchmark
0.60	5.35	2.04	0.77	7.32	-3.35	5.69	4.08	4.80	2.85	+/- Category
43	14	38	40	6	77	16	18	19	28	Tot Ret % Rank in Cat
396	430	504	563	614	670	728	810	862	923	# of Funds in Cat
24	16	30	25	27	22	28	23	20	-	Turnover %
-	-	0.45	0.45	0.45	0.45	0.45	0.44	0.44	-	Expense Ratio

## Trailing Performance



3 Month	1 Year	3 year	5 year	10 year	Since Inception	
-18.20	-6.37	5.94	6.08	8.68	11.17	Fund Return %
-23.36	-15.57	-1.96	-0.64	2.05	3.61	Benchmark Return %
-21.05	-11.91	1.13	2.45	5.72	-	Category Average %
28	21	17	13	10	-	% Rank in Category
923	867	756	624	378	-	# of Funds in Category

## Net Expense



Fund vs. Category: 5 / 42/887  
Fund vs. Peer Group: 6 / 31/525  
Percentile Rank

Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	7.66	-	3.28
Beta	0.93	-	0.94
R-Squared	90.00	-	86.81
Standard Deviation	14.87	15.15	15.25
Sharpe Ratio	0.35	-0.17	0.06
Tracking Error	4.81	-	5.74
Information Ratio	1.64	-	0.57
Up Capture Ratio	109.19	-	98.57
Down Capture Ratio	71.51	-	83.21

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	21.45	13.01	14.41
Price/Book Ratio	3.01	1.30	1.86
Geom Avg Mkt Cap \$B	72.80	30.91	59.56
ROE	20.42	15.58	21.53

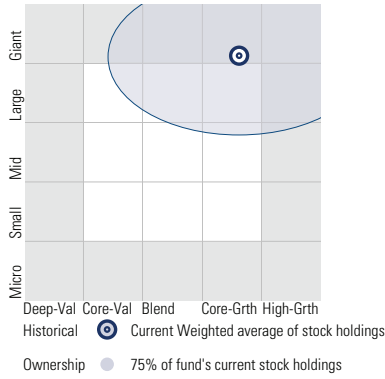
# American Funds New Perspective R6 RNP GX

**Morningstar Category**  
World Large Stock

**Morningstar Index**  
MSCI ACWI Ex USA NR USD

## Style Analysis as of 03-31-2020

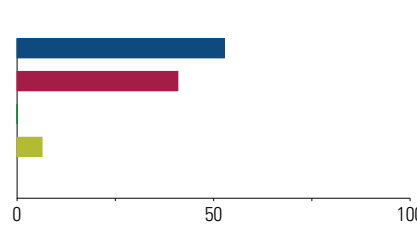
Morningstar Style Box™



## Style Breakdown

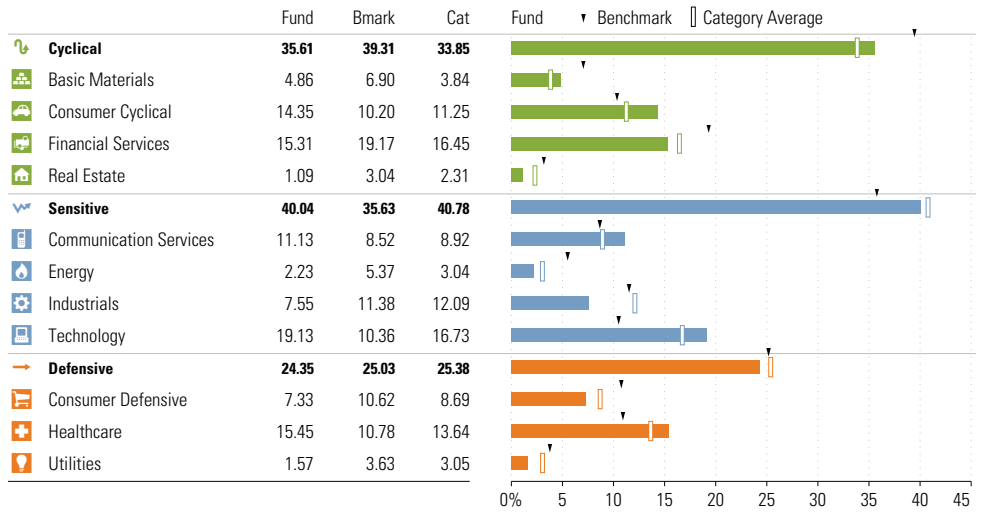


## Asset Allocation as of 03-31-2020

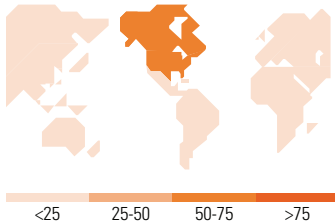


Asset Class	Net %	Cat%
US Stocks	52.74	53.76
Non-US Stocks	40.90	42.39
Bonds	0.02	0.23
Cash	6.35	2.70
Other	0.00	0.93
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2020



## World Regions % Equity 03-31-2020



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	13.28	16.21	Americas	59.55	58.90	Greater Europe	27.16	24.88	Developed Markets	95.76
Japan	5.23	6.06	North America	57.93	58.05	United Kingdom	5.11	6.41	Emerging Markets	4.24
Australasia	0.21	0.94	Central/Latin	1.62	0.85	W euro-ex UK	20.84	17.80	Not Available	0.00
Asia-4 Tigers	6.30	3.86				Emrgng Europe	0.37	0.28		
Asia-ex 4 Tigers	1.54	5.35				Africa	0.84	0.39		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 03-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Capital Group Central Cash Fund	5.77	5.77	—	—
⊕ Amazon.com Inc	3.97	9.74	5.51	Consumer Cyclical
⊖ Microsoft Corp	3.29	13.03	0.33	Technology
⊕ Facebook Inc A	2.95	15.98	-18.73	Communication Svc
Taiwan Semiconductor Manufacturing Co Ltd	2.31	18.29	-16.47	Technology
Tesla Inc	2.22	20.51	25.26	Consumer Cyclical
⊖ Mastercard Inc A	1.81	22.31	-18.97	Financial Services
⊕ Netflix Inc	1.65	23.96	16.05	Communication Svc
⊖ Intuitive Surgical Inc	1.40	25.36	-16.23	Healthcare
⊖ Visa Inc Class A	1.38	26.74	-14.09	Financial Services

**Total Holdings 304**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# American Funds New Perspective R6 RNP GX

**Morningstar Category**  
World Large Stock

**Morningstar Index**  
MSCI ACWI Ex USA NR USD

## Portfolio Manager(s)

Robert Lovelace since 12-2000  
Jonathan Knowles since 12-2004  
Steven Watson since 12-2005  
Brady Enright since 12-2005  
Jody Jonsson since 12-2005  
Noriko Chen since 04-2012  
Andraz Razen since 07-2015

## Quantitative Screens

✔ **Performance:** The fund has finished in the World Large Stock category's top three quartiles in 9 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 19.34 years.

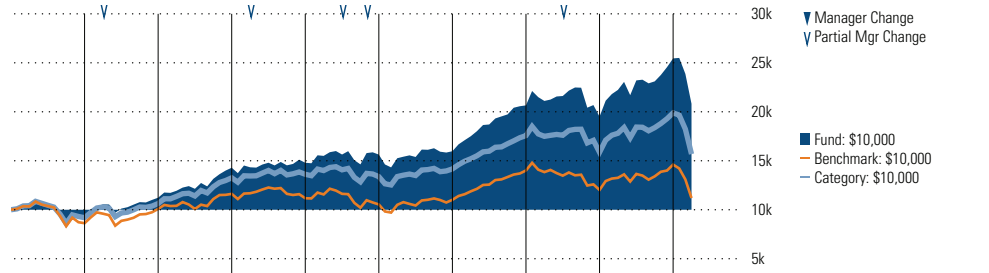
✔ **Style:** The fund has landed in its primary style box — Large Growth — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.44 is 60.36% lower than the World Large Stock category average.

## Morningstar Investment Management LLC Analysis

This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

## Growth of \$10,000



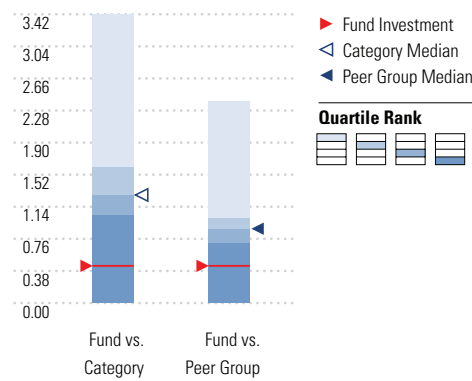
2011	2012	2013	2014	2015	2016	2017	2018	2019	YTD	History
-7.33	21.19	27.23	3.56	5.63	2.19	29.30	-5.56	30.48	-18.20	Total Return %
6.38	4.36	11.94	7.43	11.29	-2.31	2.11	8.64	8.97	5.16	+/- Benchmark
0.60	5.35	2.04	0.77	7.32	-3.35	5.69	4.08	4.80	2.85	+/- Category
43	14	38	40	6	77	16	18	19	28	Tot Ret % Rank in Cat
396	430	504	563	614	670	728	810	862	923	# of Funds in Cat
24	16	30	25	27	22	28	23	20	-	Turnover %
-	-	0.45	0.45	0.45	0.45	0.45	0.44	0.44	-	Expense Ratio

## Trailing Performance



3 Month	1 Year	3 year	5 year	10 year	Since Inception	
-18.20	-6.37	5.94	6.08	8.68	11.17	Fund Return %
-23.36	-15.57	-1.96	-0.64	2.05	3.61	Benchmark Return %
-21.05	-11.91	1.13	2.45	5.72	-	Category Average %
28	21	17	13	10	-	% Rank in Category
923	867	756	624	378	-	# of Funds in Category

## Net Expense



Fund vs. Category: 5 / 42/887  
Fund vs. Peer Group: 6 / 31/525  
Percentile Rank

Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	7.66	-	3.28
Beta	0.93	-	0.94
R-Squared	90.00	-	86.81
Standard Deviation	14.87	15.15	15.25
Sharpe Ratio	0.35	-0.17	0.06
Tracking Error	4.81	-	5.74
Information Ratio	1.64	-	0.57
Up Capture Ratio	109.19	-	98.57
Down Capture Ratio	71.51	-	83.21

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	21.45	13.01	14.41
Price/Book Ratio	3.01	1.30	1.86
Geom Avg Mkt Cap \$B	72.80	30.91	59.56
ROE	20.42	15.58	21.53

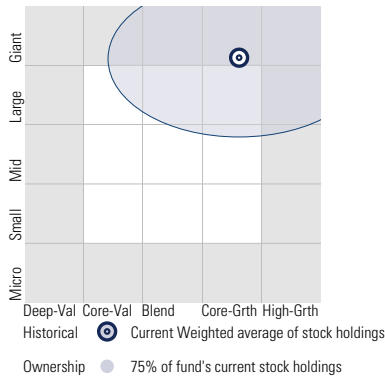
# American Funds New Perspective R6 RNP GX

**Morningstar Category**  
World Large Stock

**Morningstar Index**  
MSCI ACWI Ex USA NR USD

## Style Analysis as of 03-31-2020

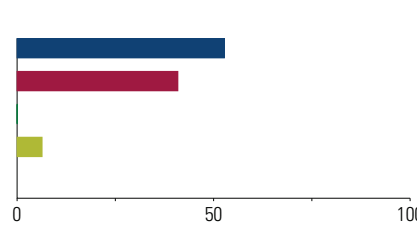
Morningstar Style Box™



## Style Breakdown

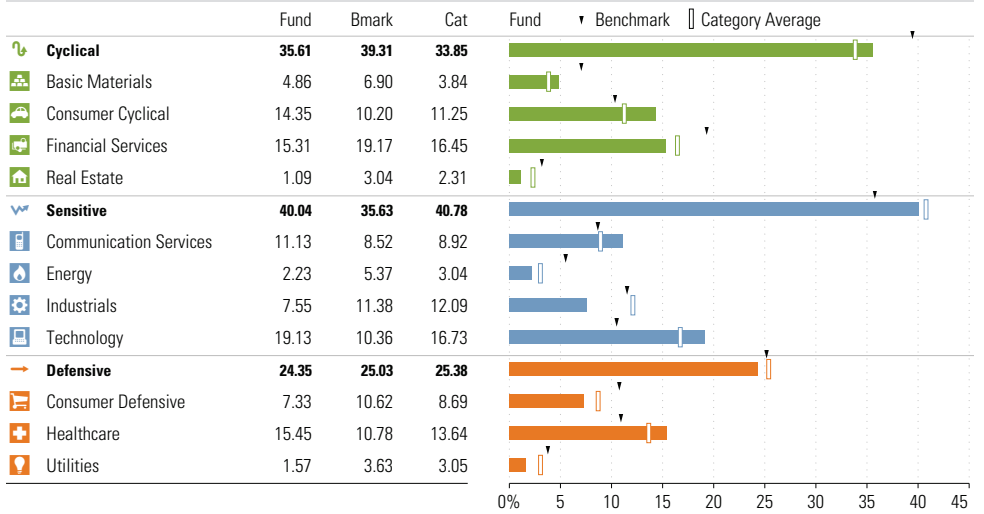


## Asset Allocation as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	52.74	53.76
Non-US Stocks	40.90	42.39
Bonds	0.02	0.23
Cash	6.35	2.70
Other	0.00	0.93
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2020



## World Regions % Equity 03-31-2020



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	13.28	16.21	Americas	59.55	58.90	Greater Europe	27.16	24.88	Developed Markets	95.76
Japan	5.23	6.06	North America	57.93	58.05	United Kingdom	5.11	6.41	Emerging Markets	4.24
Australasia	0.21	0.94	Central/Latin	1.62	0.85	W euro-ex UK	20.84	17.80	Not Available	0.00
Asia-4 Tigers	6.30	3.86				Emrgng Europe	0.37	0.28		
Asia-ex 4 Tigers	1.54	5.35				Africa	0.84	0.39		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 03-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Capital Group Central Cash Fund	5.77	5.77	—	—
⊕ Amazon.com Inc	3.97	9.74	5.51	Consumer Cyclical
⊖ Microsoft Corp	3.29	13.03	0.33	Technology
⊕ Facebook Inc A	2.95	15.98	-18.73	Communication Svc
Taiwan Semiconductor Manufacturing Co Ltd	2.31	18.29	-16.47	Technology
Tesla Inc	2.22	20.51	25.26	Consumer Cyclical
⊖ Mastercard Inc A	1.81	22.31	-18.97	Financial Services
⊕ Netflix Inc	1.65	23.96	16.05	Communication Svc
⊖ Intuitive Surgical Inc	1.40	25.36	-16.23	Healthcare
⊖ Visa Inc Class A	1.38	26.74	-14.09	Financial Services

**Total Holdings 304**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# American Funds Washington Mutual R6 RWMGX

**Morningstar Category**  
Large Blend

**Morningstar Index**  
S&P 500 TR USD

## Portfolio Manager(s)

Alan Berro since 07-1997  
 Jeffrey Lager since 07-2004  
 Alan Wilson since 07-2013  
 Jin Lee since 07-2014  
 Eric Stern since 11-2014  
 Brady Enright since 07-2016  
 Mark Casey since 07-2016

## Quantitative Screens

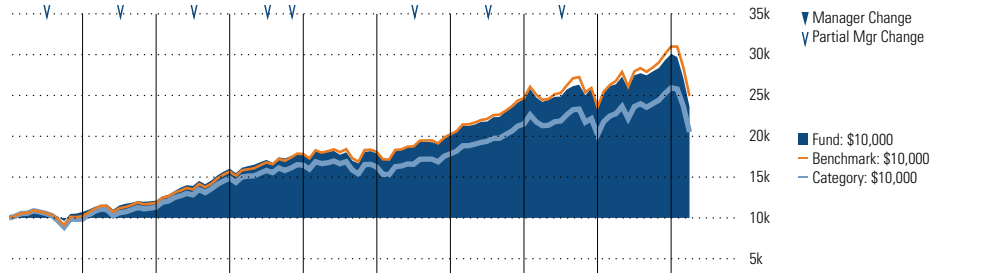
**Performance:** The fund has finished in the Large Blend category's top three quartiles in 9 of the 10 years it's been in existence.

**Management:** The fund's management has been in place for 22.76 years.

**Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

**Net Expense:** The fund's expense ratio of 0.29 is 66.67% lower than the Large Blend category average.

## Growth of \$10,000

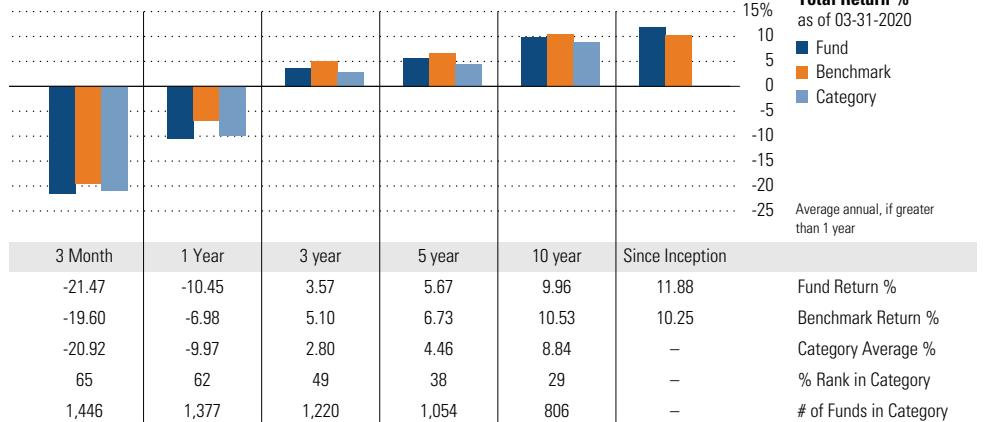


2011	2012	2013	2014	2015	2016	2017	2018	2019	YTD	History
7.35	12.85	32.34	11.53	0.12	13.73	20.54	-2.66	25.93	-21.47	Total Return %
5.24	-3.15	-0.05	-2.16	-1.26	1.77	-1.29	1.72	-5.56	-1.87	+/- Benchmark
8.62	-2.11	0.84	0.57	1.19	3.36	0.10	3.61	-2.85	-0.55	+/- Category
6	72	39	34	8	58	10	12	82	65	Tot Ret % Rank in Cat
844	880	929	988	1,044	1,118	1,189	1,297	1,369	1,446	# of Funds in Cat
25	22	22	19	24	30	21	25	25	-	Turnover %
-	-	0.30	0.30	0.30	0.30	0.30	0.29	0.29	-	Expense Ratio

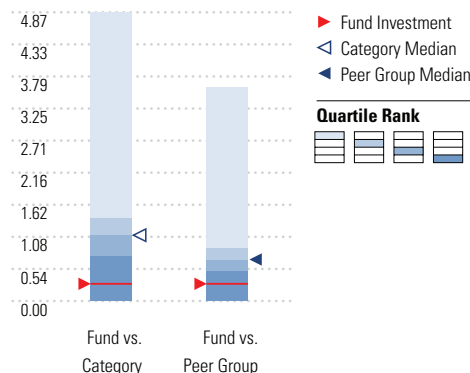
## Morningstar Investment Management LLC Analysis

This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

## Trailing Performance



## Net Expense



Fund vs. Category: 15 / 213/1404  
 Fund vs. Peer Group: 8 / 55/692  
 Percentile Rank

Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-1.09	-	-2.23
Beta	0.91	-	0.99
R-Squared	96.75	-	94.99
Standard Deviation	14.11	15.21	15.38
Sharpe Ratio	0.20	0.29	0.14
Tracking Error	2.87	-	3.28
Information Ratio	-0.53	-	-1.19
Up Capture Ratio	88.83	-	90.76
Down Capture Ratio	94.31	-	101.53

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	16.10	17.90	16.40
Price/Book Ratio	2.51	2.67	2.71
Geom Avg Mkt Cap \$B	96.69	111.51	146.57
ROE	24.96	27.15	28.57

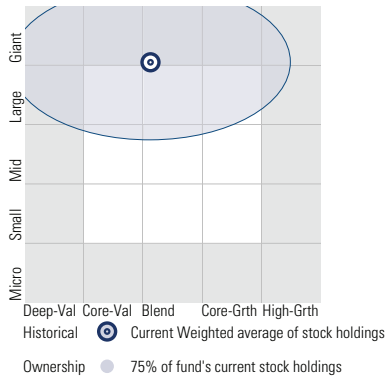
# American Funds Washington Mutual R6 RWMGX

Morningstar Category  
Large Blend

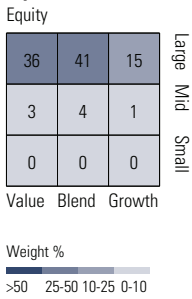
Morningstar Index  
S&P 500 TR USD

## Style Analysis as of 03-31-2020

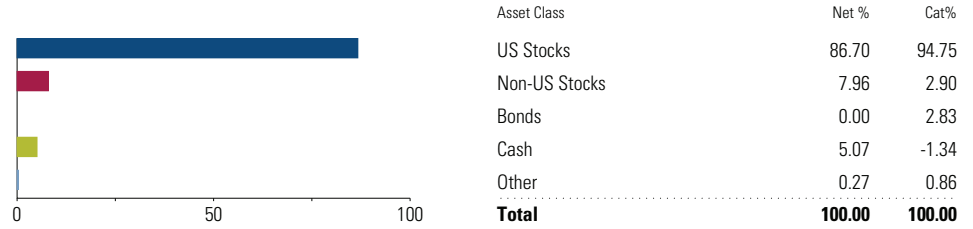
Morningstar Style Box™



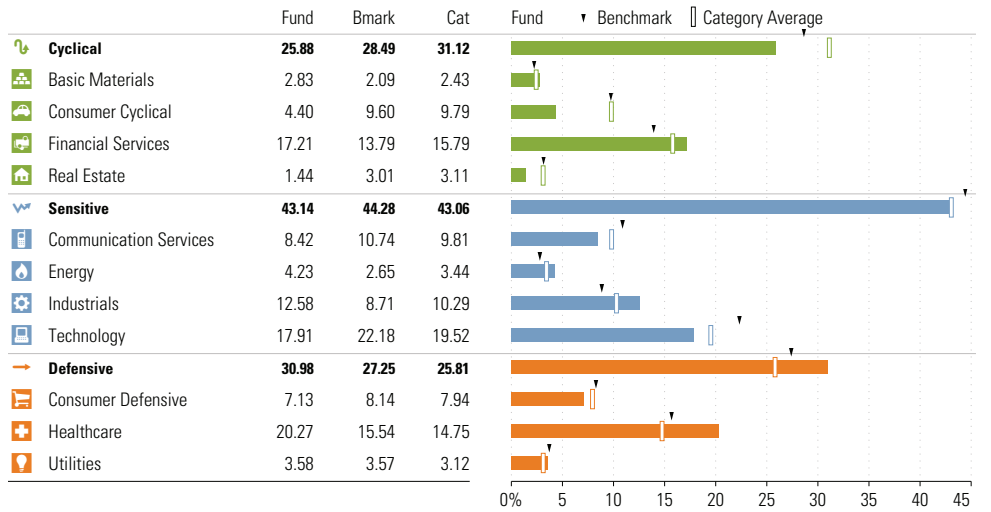
## Style Breakdown



## Asset Allocation as of 03-31-2020



## Sector Weighting as of 03-31-2020



## Top 15 Holdings as of 03-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Microsoft Corp	7.07	7.07	0.33	Technology
Capital Group Central Cash Fund	4.46	11.53	-	-
Comcast Corp Class A	3.50	15.03	-22.57	Communication Svc
Broadcom Inc	3.50	18.53	-23.94	Technology
UnitedHealth Group Inc	3.16	21.70	-14.80	Healthcare
Intel Corp	2.55	24.24	-9.02	Technology
Northrop Grumman Corp	2.45	26.69	-11.66	Industrials
Johnson & Johnson	2.41	29.10	-9.45	Healthcare
CME Group Inc Class A	2.41	31.51	-13.43	Financial Services
Pfizer Inc	2.13	33.64	-15.72	Healthcare
Humana Inc	1.94	35.58	-14.15	Healthcare
Marsh & McLennan Companies Inc	1.93	37.51	-21.99	Financial Services
Nestle SA ADR	1.91	39.43	-4.87	Consumer Defensive
Verizon Communications Inc	1.88	41.31	-11.49	Communication Svc
Lockheed Martin Corp	1.87	43.18	-12.33	Industrials

Total Holdings 174

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# American Funds Washington Mutual R6 RWMGX

**Morningstar Category**  
Large Blend

**Morningstar Index**  
S&P 500 TR USD

## Portfolio Manager(s)

Alan Berro since 07-1997  
 Jeffrey Lager since 07-2004  
 Alan Wilson since 07-2013  
 Jin Lee since 07-2014  
 Eric Stern since 11-2014  
 Brady Enright since 07-2016  
 Mark Casey since 07-2016

## Quantitative Screens

**Performance:** The fund has finished in the Large Blend category's top three quartiles in 9 of the 10 years it's been in existence.

**Management:** The fund's management has been in place for 22.76 years.

**Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

**Net Expense:** The fund's expense ratio of 0.29 is 66.67% lower than the Large Blend category average.

## Growth of \$10,000



2011	2012	2013	2014	2015	2016	2017	2018	2019	YTD	History
7.35	12.85	32.34	11.53	0.12	13.73	20.54	-2.66	25.93	-21.47	Total Return %
5.24	-3.15	-0.05	-2.16	-1.26	1.77	-1.29	1.72	-5.56	-1.87	+/- Benchmark
8.62	-2.11	0.84	0.57	1.19	3.36	0.10	3.61	-2.85	-0.55	+/- Category
6	72	39	34	8	58	10	12	82	65	Tot Ret % Rank in Cat
844	880	929	988	1,044	1,118	1,189	1,297	1,369	1,446	# of Funds in Cat
25	22	22	19	24	30	21	25	25	-	Turnover %
-	-	0.30	0.30	0.30	0.30	0.30	0.29	0.29	-	Expense Ratio

## Morningstar Investment Management LLC Analysis

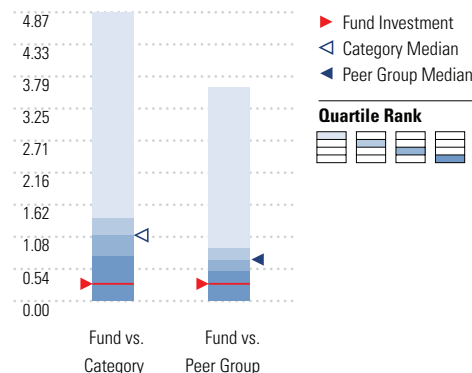
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

## Trailing Performance



3 Month	1 Year	3 year	5 year	10 year	Since Inception	
-21.47	-10.45	3.57	5.67	9.96	11.88	Fund Return %
-19.60	-6.98	5.10	6.73	10.53	10.25	Benchmark Return %
-20.92	-9.97	2.80	4.46	8.84	-	Category Average %
65	62	49	38	29	-	% Rank in Category
1,446	1,377	1,220	1,054	806	-	# of Funds in Category

## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-1.09	-	-2.23
Beta	0.91	-	0.99
R-Squared	96.75	-	94.99
Standard Deviation	14.11	15.21	15.38
Sharpe Ratio	0.20	0.29	0.14
Tracking Error	2.87	-	3.28
Information Ratio	-0.53	-	-1.19
Up Capture Ratio	88.83	-	90.76
Down Capture Ratio	94.31	-	101.53

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	16.10	17.90	16.40
Price/Book Ratio	2.51	2.67	2.71
Geom Avg Mkt Cap \$B	96.69	111.51	146.57
ROE	24.96	27.15	28.57

# American Funds Washington Mutual R6 RWMGX

Morningstar Category  
Large Blend

Morningstar Index  
S&P 500 TR USD

## Style Analysis as of 03-31-2020

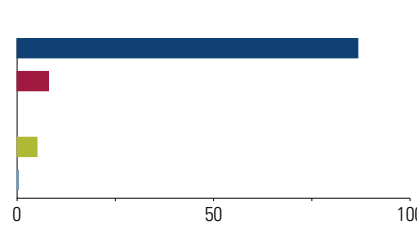
Morningstar Style Box™



## Style Breakdown

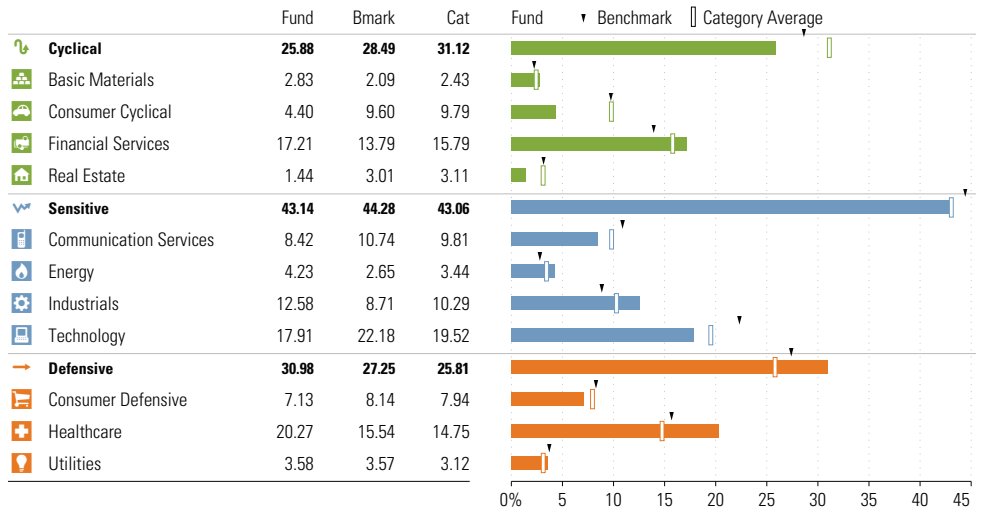


## Asset Allocation as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	86.70	94.75
Non-US Stocks	7.96	2.90
Bonds	0.00	2.83
Cash	5.07	-1.34
Other	0.27	0.86
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2020



## Top 15 Holdings as of 03-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Microsoft Corp	7.07	7.07	0.33	Technology
Capital Group Central Cash Fund	4.46	11.53	-	-
Comcast Corp Class A	3.50	15.03	-22.57	Communication Svc
Broadcom Inc	3.50	18.53	-23.94	Technology
UnitedHealth Group Inc	3.16	21.70	-14.80	Healthcare
Intel Corp	2.55	24.24	-9.02	Technology
Northrop Grumman Corp	2.45	26.69	-11.66	Industrials
Johnson & Johnson	2.41	29.10	-9.45	Healthcare
CME Group Inc Class A	2.41	31.51	-13.43	Financial Services
Pfizer Inc	2.13	33.64	-15.72	Healthcare
Humana Inc	1.94	35.58	-14.15	Healthcare
Marsh & McLennan Companies Inc	1.93	37.51	-21.99	Financial Services
Nestle SA ADR	1.91	39.43	-4.87	Consumer Defensive
Verizon Communications Inc	1.88	41.31	-11.49	Communication Svc
Lockheed Martin Corp	1.87	43.18	-12.33	Industrials

Total Holdings 174

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# Baird Aggregate Bond Inst BAGIX

**Morningstar Category**  
Intermediate Core Bond

**Morningstar Index**  
BBgBarc US Agg Bond TR USD

## Portfolio Manager(s)

Charles Groeschell since 09-2000  
 Daniel Tranchita since 09-2000  
 Gary Elfe since 09-2000  
 M. Sharon deGuzman since 09-2000  
 Mary Ellen Stanek since 09-2000  
 Warren Pierson since 09-2000  
 Meghan Dean since 05-2019  
 Jay Schwister since 05-2019  
 Jeffrey Schrom since 05-2019

## Quantitative Screens

✔ **Performance:** The fund has finished in the Intermediate Core Bond category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 19.52 years.

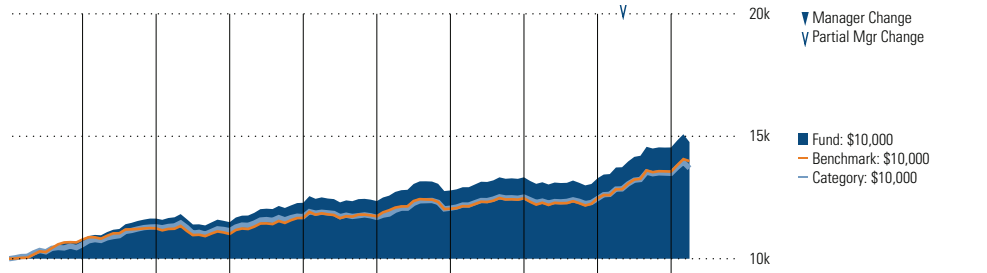
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.3 is 53.85% lower than the Intermediate Core Bond category average.

## Morningstar Investment Management LLC Analysis

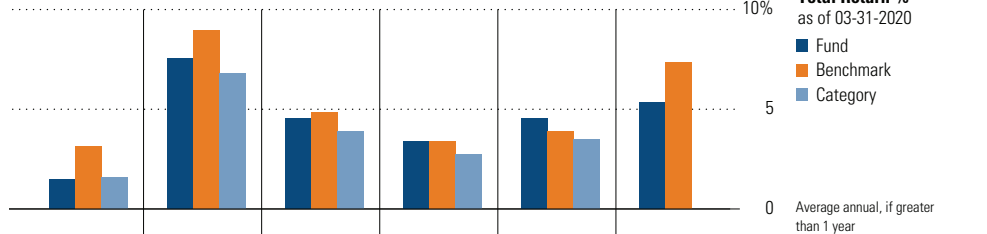
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

## Growth of \$10,000



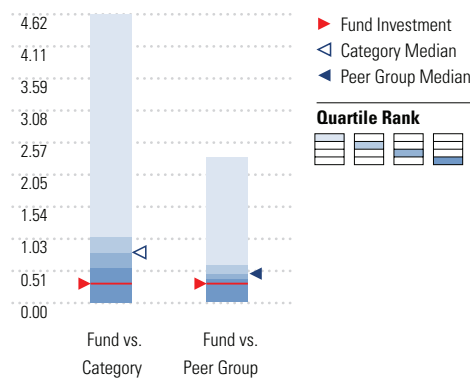
2011	2012	2013	2014	2015	2016	2017	2018	2019	YTD	History
7.85	7.92	-1.25	6.89	0.55	3.52	4.20	-0.30	9.48	1.50	Total Return %
0.01	3.71	0.77	0.92	0.00	0.87	0.66	-0.31	0.76	-1.65	+/- Benchmark
1.99	0.91	0.17	1.71	0.81	0.29	0.49	0.20	1.42	-0.07	+/- Category
9	34	36	8	22	37	31	41	15	59	Tot Ret % Rank in Cat
263	282	305	314	324	349	378	403	425	440	# of Funds in Cat
46	64	28	32	40	36	28	24	31	-	Turnover %
-	-	0.30	0.30	0.30	0.30	0.30	0.30	0.30	-	Expense Ratio

## Trailing Performance



3 Month	1 Year	3 year	5 year	10 year	Since Inception	
1.50	7.55	4.54	3.37	4.55	5.35	Fund Return %
3.15	8.93	4.82	3.36	3.88	7.34	Benchmark Return %
1.57	6.78	3.90	2.74	3.51	-	Category Average %
59	40	25	9	6	-	% Rank in Category
440	430	385	332	254	-	# of Funds in Category

## Net Expense



Fund vs. Category	Fund vs. Peer Group	Percentile Rank
18	16	
78/432	46/289	Rank

Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.44	-	-0.77
Beta	1.04	-	0.96
R-Squared	92.76	-	85.57
Standard Deviation	3.44	3.20	3.34
Sharpe Ratio	0.81	0.96	0.64
Tracking Error	0.93	-	1.24
Information Ratio	-0.30	-	-0.94
Up Capture Ratio	101.45	-	90.50
Down Capture Ratio	117.22	-	115.44

## Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	5.69	4.43	5.01
Avg Eff Maturity	7.48	-	6.82

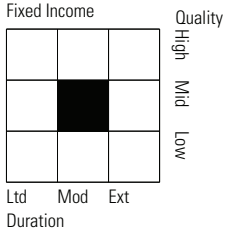
# Baird Aggregate Bond Inst BAGIX

**Morningstar Category**  
Intermediate Core Bond

**Morningstar Index**  
BBgBarc US Agg Bond TR USD

## Style Analysis as of 03-31-2020

### Style Breakdown



## Asset Allocation as of 03-31-2020

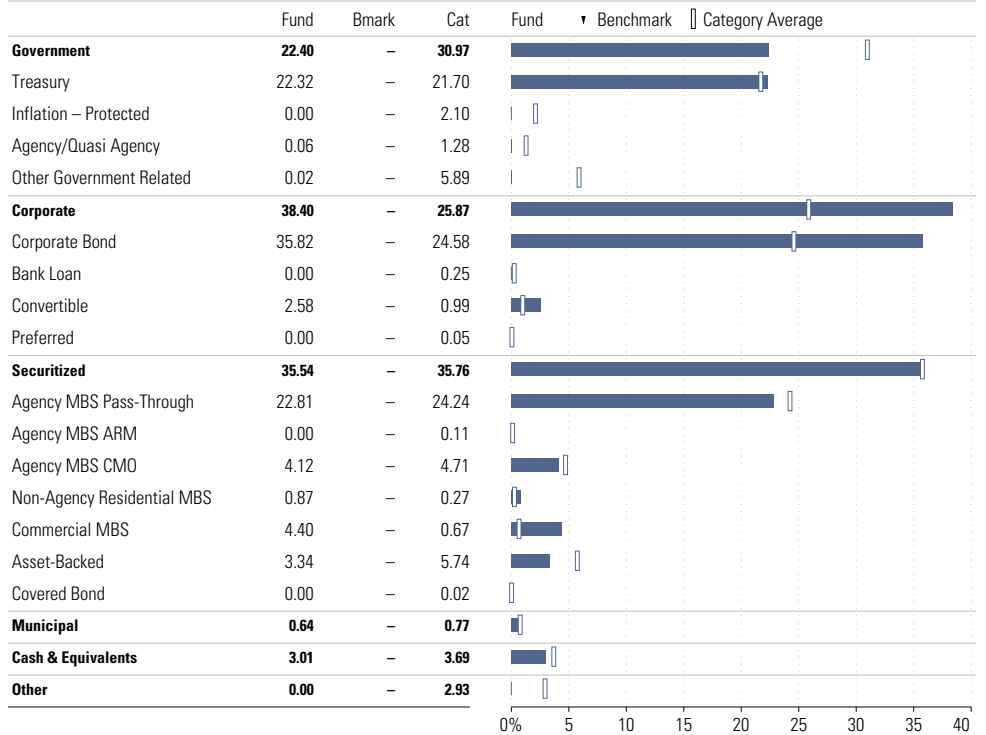


Asset Class	Net %	Cat%
US Stocks	0.00	0.00
Non-US Stocks	0.00	0.00
Bonds	94.35	99.45
Cash	3.01	0.44
Other	2.64	0.10
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	59.70	3.53	37.76
AA	3.10	74.59	21.56
A	17.00	10.82	20.07
BBB	19.60	8.32	15.16
BB	0.60	0.28	2.53
B	0.00	0.00	0.91
Below B	0.00	0.00	0.90
Not Rated	0.00	2.46	1.10

## Sector Weighting as of 03-31-2020



## Top 10 Holdings as of 03-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ United States Treasury Notes 1.88%	03-2022	5.63	5.63	-
⊖ United States Treasury Bonds 2.88%	05-2043	3.99	9.62	-
⊖ United States Treasury Bonds 2.5%	02-2045	3.79	13.41	-
⊖ First American Government Obligs U	02-2030	2.37	15.79	-
⊖ United States Treasury Bonds 3.5%	02-2039	1.97	17.75	-
⊖ United States Treasury Notes 1.75%	03-2022	1.42	19.17	-
⊖ United States Treasury Notes 1.63%	08-2022	1.25	20.42	-
⊖ United States Treasury Notes 2.25%	11-2025	0.85	21.27	-
⊖ United States Treasury Notes 2.25%	11-2027	0.70	21.97	-
⊖ United States Treasury Notes 3.13%	11-2028	0.67	22.64	-

**Total Holdings 1285**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# Baird Aggregate Bond Inst BAGIX

**Morningstar Category**  
Intermediate Core Bond

**Morningstar Index**  
BBgBarc US Agg Bond TR USD

## Portfolio Manager(s)

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 Warren Pierson since 09-2000  
 Meghan Dean since 05-2019  
 Jay Schwister since 05-2019  
 Jeffrey Schrom since 05-2019

## Quantitative Screens

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✔ **Management:** The fund's management has been in place for 19.52 years.

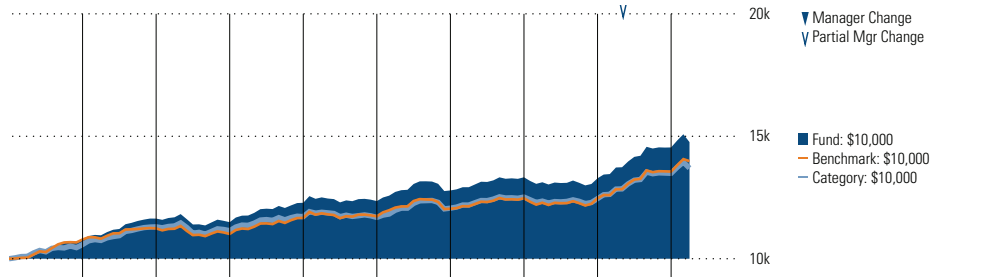
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.3 is 53.85% lower than the Intermediate Core Bond category average.

## Morningstar Investment Management LLC Analysis

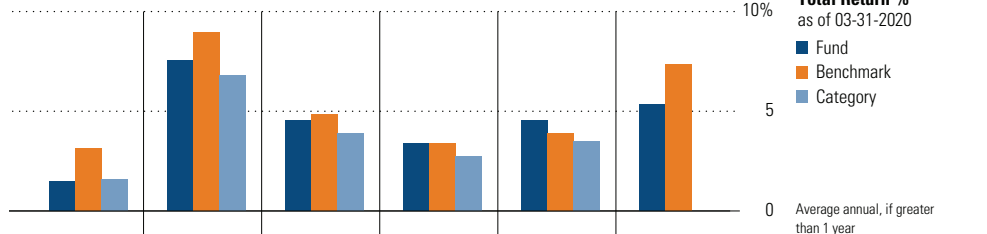
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## Growth of \$10,000



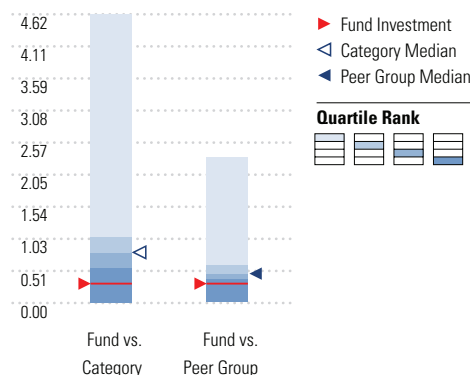
2011	2012	2013	2014	2015	2016	2017	2018	2019	YTD	History
7.85	7.92	-1.25	6.89	0.55	3.52	4.20	-0.30	9.48	1.50	Total Return %
0.01	3.71	0.77	0.92	0.00	0.87	0.66	-0.31	0.76	-1.65	+/- Benchmark
1.99	0.91	0.17	1.71	0.81	0.29	0.49	0.20	1.42	-0.07	+/- Category
9	34	36	8	22	37	31	41	15	59	Tot Ret % Rank in Cat
263	282	305	314	324	349	378	403	425	440	# of Funds in Cat
46	64	28	32	40	36	28	24	31	-	Turnover %
-	-	0.30	0.30	0.30	0.30	0.30	0.30	0.30	-	Expense Ratio

## Trailing Performance



3 Month	1 Year	3 year	5 year	10 year	Since Inception	
1.50	7.55	4.54	3.37	4.55	5.35	Fund Return %
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1.57	6.78	3.90	2.74	3.51	-	Category Average %
59	40	25	9	6	-	% Rank in Category
440	430	385	332	254	-	# of Funds in Category

## Net Expense



Fund vs. Category	Fund vs. Peer Group	Percentile Rank
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78/432	46/289	Rank

Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.44	-	-0.77
Beta	1.04	-	0.96
R-Squared	92.76	-	85.57
Standard Deviation	3.44	3.20	3.34
Sharpe Ratio	0.81	0.96	0.64
Tracking Error	0.93	-	1.24
Information Ratio	-0.30	-	-0.94
Up Capture Ratio	101.45	-	90.50
Down Capture Ratio	117.22	-	115.44

## Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	5.69	4.43	5.01
Avg Eff Maturity	7.48	-	6.82

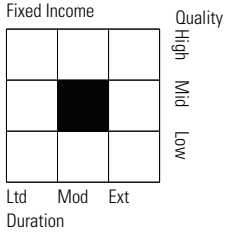
# Baird Aggregate Bond Inst BAGIX

**Morningstar Category**  
Intermediate Core Bond

**Morningstar Index**  
BBgBarc US Agg Bond TR USD

**Style Analysis** as of 03-31-2020

**Style Breakdown**



**Asset Allocation** as of 03-31-2020

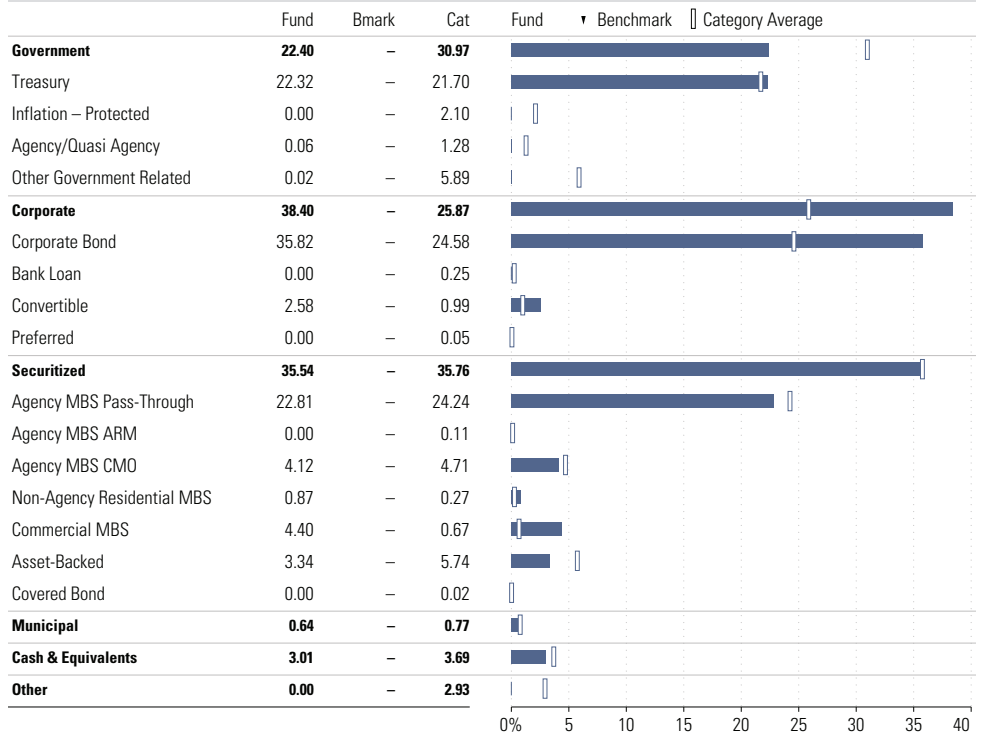


Asset Class	Net %	Cat%
US Stocks	0.00	0.00
Non-US Stocks	0.00	0.00
Bonds	94.35	99.45
Cash	3.01	0.44
Other	2.64	0.10
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Credit Rating Breakdown**

	Fund	Bmark	Cat
AAA	59.70	3.53	37.76
AA	3.10	74.59	21.56
A	17.00	10.82	20.07
BBB	19.60	8.32	15.16
BB	0.60	0.28	2.53
B	0.00	0.00	0.91
Below B	0.00	0.00	0.90
Not Rated	0.00	2.46	1.10

**Sector Weighting** as of 03-31-2020



**Top 10 Holdings** as of 03-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ United States Treasury Notes 1.88%	03-2022	5.63	5.63	-
⊖ United States Treasury Bonds 2.88%	05-2043	3.99	9.62	-
⊖ United States Treasury Bonds 2.5%	02-2045	3.79	13.41	-
⊖ First American Government Obligs U	02-2030	2.37	15.79	-
⊖ United States Treasury Bonds 3.5%	02-2039	1.97	17.75	-
⊖ United States Treasury Notes 1.75%	03-2022	1.42	19.17	-
⊖ United States Treasury Notes 1.63%	08-2022	1.25	20.42	-
⊖ United States Treasury Notes 2.25%	11-2025	0.85	21.27	-
⊖ United States Treasury Notes 2.25%	11-2027	0.70	21.97	-
⊖ United States Treasury Notes 3.13%	11-2028	0.67	22.64	-

**Total Holdings 1285**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# BlackRock Inflation Protected Bond Instl BPRIX

**Morningstar Category**  
Inflation-Protected Bond

**Morningstar Index**  
BBgBarc US Treasury US TIPS TR USD

## Portfolio Manager(s)

Christopher Allen since 02-2017  
David Rogal since 03-2018

## Quantitative Screens

✔ **Performance:** The fund has finished in the Inflation-Protected Bond category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 3.13 years.

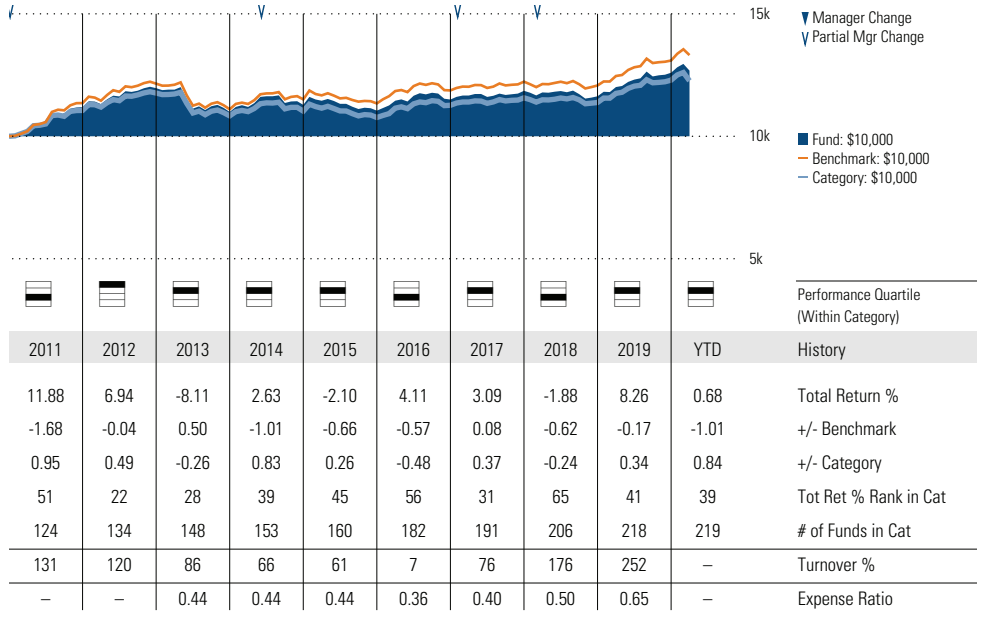
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.65 is 7.14% lower than the Inflation-Protected Bond category average.

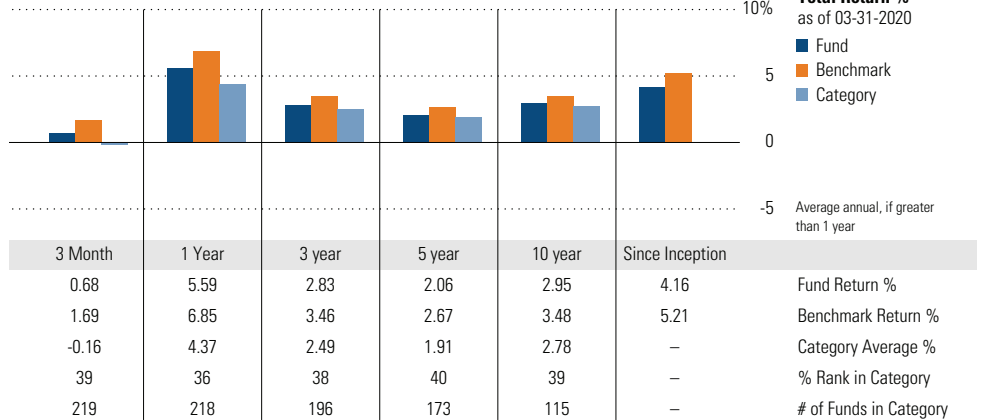
## Morningstar Investment Management LLC Analysis

This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-0.53	-	-0.93
Beta	0.97	-	0.86
R-Squared	97.47	-	76.84
Standard Deviation	3.40	3.44	3.60
Sharpe Ratio	0.33	0.51	0.11
Tracking Error	0.55	-	1.92
Information Ratio	-1.16	-	-0.90
Up Capture Ratio	93.22	-	76.99
Down Capture Ratio	105.22	-	96.64

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	6.90	4.52	6.80
Avg Eff Maturity	9.39	-	7.67

# BlackRock Inflation Protected Bond Instl BPRIX

**Morningstar Category**  
Inflation-Protected Bond

**Morningstar Index**  
BBgBarc US Treasury US TIPS TR USD

## Style Analysis as of 03-31-2020

### Style Breakdown



## Asset Allocation as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	0.00	-0.02
Non-US Stocks	0.00	0.01
Bonds	125.86	96.97
Cash	-25.91	2.11
Other	0.06	0.93
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

### Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	97.90	0.00	93.81
AA	0.00	99.60	0.30
A	0.22	0.00	1.87
BBB	1.66	0.00	2.12
BB	0.22	0.00	0.37
B	0.00	0.00	0.08
Below B	0.00	0.00	0.02
Not Rated	0.00	0.40	1.43

## Sector Weighting as of 03-31-2020



## Top 10 Holdings as of 03-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Rrp Treasury (Cpi) Note	-	27.22	27.22	-
⊕ United States Treasury Notes 0.12%	10-2024	12.04	39.27	-
⊖ United States Treasury Notes 0.25%	01-2025	7.57	46.84	-
⊖ United States Treasury Notes 0.62%	04-2023	5.64	52.49	-
⊕ United States Treasury Notes 0.12%	04-2021	5.55	58.03	-
⊖ United States Treasury Notes 0.62%	01-2024	3.61	61.64	-
⊖ United States Treasury Notes 0.12%	04-2022	3.61	65.25	-
⊖ United States Treasury Notes 0.38%	07-2023	3.58	68.83	-
⊖ United States Treasury Notes 0.38%	07-2025	3.56	72.39	-
⊕ United States Treasury Notes 0.5%	01-2028	3.54	75.93	-

### Total Holdings 222

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# BlackRock Inflation Protected Bond Instl BPRIX

**Morningstar Category**  
Inflation-Protected Bond

**Morningstar Index**  
BBgBarc US Treasury US TIPS TR USD

## Portfolio Manager(s)

Christopher Allen since 02-2017  
David Rogal since 03-2018

## Quantitative Screens

✔ **Performance:** The fund has finished in the Inflation-Protected Bond category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 3.13 years.

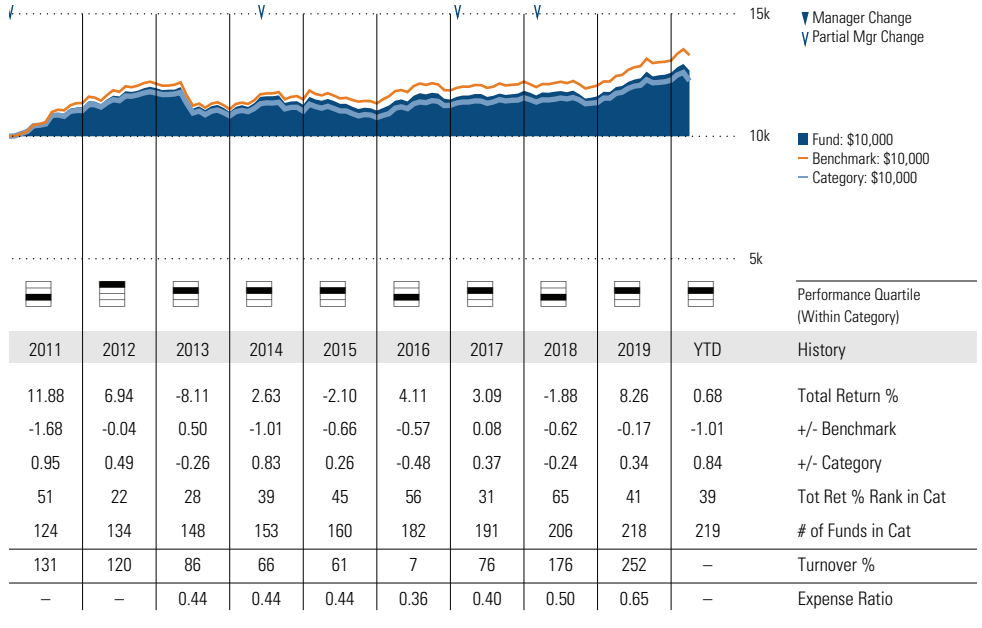
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.65 is 7.14% lower than the Inflation-Protected Bond category average.

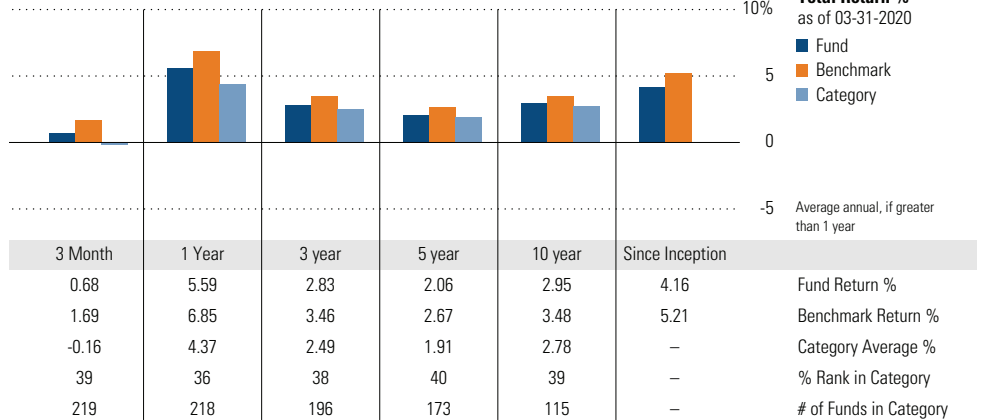
## Morningstar Investment Management LLC Analysis

This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-0.53	-	-0.93
Beta	0.97	-	0.86
R-Squared	97.47	-	76.84
Standard Deviation	3.40	3.44	3.60
Sharpe Ratio	0.33	0.51	0.11
Tracking Error	0.55	-	1.92
Information Ratio	-1.16	-	-0.90
Up Capture Ratio	93.22	-	76.99
Down Capture Ratio	105.22	-	96.64

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	6.90	4.52	6.80
Avg Eff Maturity	9.39	-	7.67

# BlackRock Inflation Protected Bond Instl BPRIX

**Morningstar Category**  
Inflation-Protected Bond

**Morningstar Index**  
BBgBarc US Treasury US TIPS TR USD

## Style Analysis as of 03-31-2020

### Style Breakdown



## Asset Allocation as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	0.00	-0.02
Non-US Stocks	0.00	0.01
Bonds	125.86	96.97
Cash	-25.91	2.11
Other	0.06	0.93
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

### Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	97.90	0.00	93.81
AA	0.00	99.60	0.30
A	0.22	0.00	1.87
BBB	1.66	0.00	2.12
BB	0.22	0.00	0.37
B	0.00	0.00	0.08
Below B	0.00	0.00	0.02
Not Rated	0.00	0.40	1.43

## Sector Weighting as of 03-31-2020



## Top 10 Holdings as of 03-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Rrp Treasury (Cpi) Note	-	27.22	27.22	-
⊕ United States Treasury Notes 0.12%	10-2024	12.04	39.27	-
⊖ United States Treasury Notes 0.25%	01-2025	7.57	46.84	-
⊖ United States Treasury Notes 0.62%	04-2023	5.64	52.49	-
⊕ United States Treasury Notes 0.12%	04-2021	5.55	58.03	-
⊖ United States Treasury Notes 0.62%	01-2024	3.61	61.64	-
⊖ United States Treasury Notes 0.12%	04-2022	3.61	65.25	-
⊖ United States Treasury Notes 0.38%	07-2023	3.58	68.83	-
⊖ United States Treasury Notes 0.38%	07-2025	3.56	72.39	-
⊕ United States Treasury Notes 0.5%	01-2028	3.54	75.93	-

### Total Holdings 222

⊕ Increase ⊖ Decrease ✱ New to Portfolio



# Carillon Eagle Small Cap Growth I HSIIX

**Morningstar Category**  
Small Growth

**Morningstar Index**  
Russell 2000 Growth TR USD

## Portfolio Manager(s)

Bert Boksen since 12-1995  
Eric Mintz since 03-2011  
Christopher Sassouni since 03-2015

## Quantitative Screens

✔ **Performance:** The fund has finished in the Small Growth category's top three quartiles in 8 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 24.27 years.

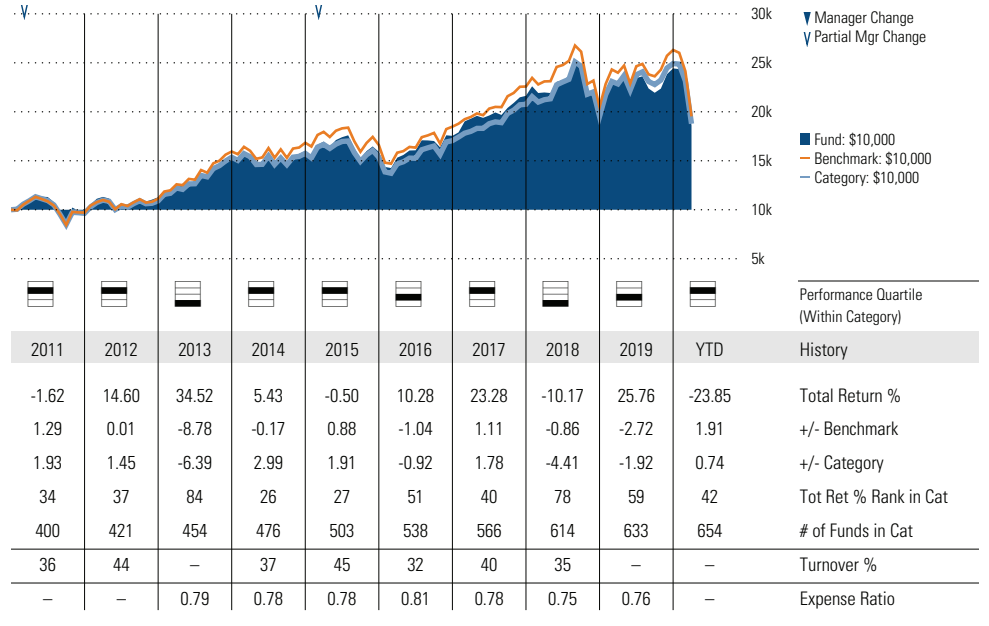
✔ **Style:** The fund has landed in its primary style box — Small Growth — 66.67 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.76 is 37.7% lower than the Small Growth category average.

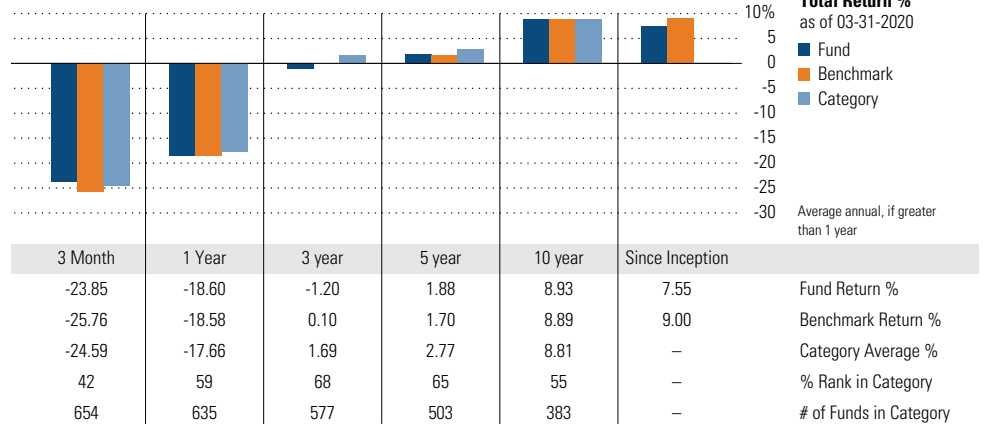
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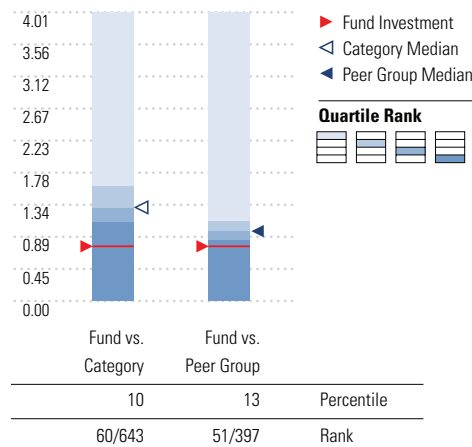
## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-1.29	-	2.11
Beta	0.99	-	0.96
R-Squared	98.14	-	93.17
Standard Deviation	20.81	20.74	20.65
Sharpe Ratio	-0.04	0.03	0.13
Tracking Error	2.84	-	5.29
Information Ratio	-0.46	-	0.34
Up Capture Ratio	97.69	-	98.97
Down Capture Ratio	102.80	-	91.22

## Portfolio Metrics

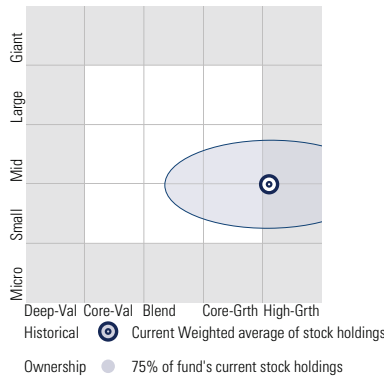
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	24.38	18.45	18.68
Price/Book Ratio	3.35	3.00	2.73
Geom Avg Mkt Cap \$B	3.22	1.84	3.23
ROE	4.65	2.48	7.82

# Carillon Eagle Small Cap Growth I HSIIX

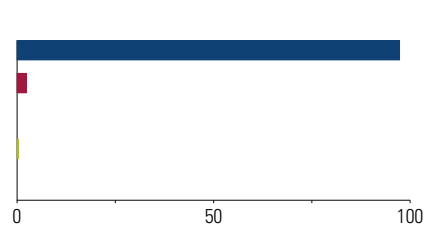
**Morningstar Category**  
Small Growth

**Morningstar Index**  
Russell 2000 Growth TR USD

**Style Analysis** as of 03-31-2020  
Morningstar Style Box™



**Asset Allocation** as of 03-31-2020

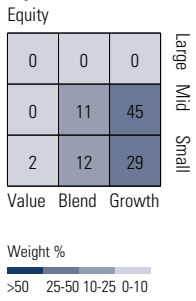


Asset Class	Net %	Cat%
US Stocks	97.31	93.70
Non-US Stocks	2.36	3.38
Bonds	0.00	0.00
Cash	0.33	2.60
Other	0.00	0.32
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 03-31-2020

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>16.75</b>	<b>20.84</b>	<b>25.83</b>			
Basic Materials	4.48	3.17	2.70			
Consumer Cyclical	6.53	7.34	10.10			
Financial Services	5.13	5.97	9.40			
Real Estate	0.61	4.36	3.63			
<b>Sensitive</b>	<b>43.27</b>	<b>38.88</b>	<b>44.33</b>			
Communication Services	0.00	2.70	2.64			
Energy	0.48	0.29	1.21			
Industrials	18.67	17.92	17.75			
Technology	24.12	17.97	22.73			
<b>Defensive</b>	<b>39.98</b>	<b>40.27</b>	<b>29.84</b>			
Consumer Defensive	4.86	4.56	4.95			
Healthcare	35.12	33.86	23.77			
Utilities	0.00	1.85	1.12			

**Style Breakdown**



**Top 15 Holdings** as of 03-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Entegris Inc	3.35	3.35	-10.46	Technology
Quaker Chemical Corp	3.24	6.60	-23.01	Basic Materials
⊖ Teladoc Health Inc	3.06	9.66	85.15	Healthcare
⊖ RealPage Inc	2.95	12.60	-1.53	Technology
⊖ Pegasystems Inc	2.80	15.40	-10.53	Technology
Aerjet Rocketdyne Holdings Inc	2.50	17.91	-8.39	Industrials
Universal Electronics Inc	2.17	20.07	-26.58	Technology
Landstar System Inc	2.10	22.18	-13.90	Industrials
⊖ Cognex Corp	1.99	24.17	-24.56	Technology
⊖ NeoGenomics Inc	1.87	26.03	-5.61	Healthcare
Ritchie Bros Auctioneers Inc	1.85	27.88	-13.02	Industrials
⊖ John Bean Technologies Corp	1.75	29.63	-33.99	Industrials
Graco Inc	1.73	31.37	-5.95	Industrials
⊖ Lumentum Holdings Inc	1.67	33.04	-7.06	Technology
⊖ Tandem Diabetes Care Inc	1.66	34.70	7.95	Healthcare

**Total Holdings 92**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Carillon Eagle Small Cap Growth I HSIIX

**Morningstar Category**  
Small Growth

**Morningstar Index**  
Russell 2000 Growth TR USD

## Portfolio Manager(s)

Bert Boksen since 12-1995  
Eric Mintz since 03-2011  
Christopher Sassouni since 03-2015

## Quantitative Screens

✔ **Performance:** The fund has finished in the Small Growth category's top three quartiles in 8 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 24.27 years.

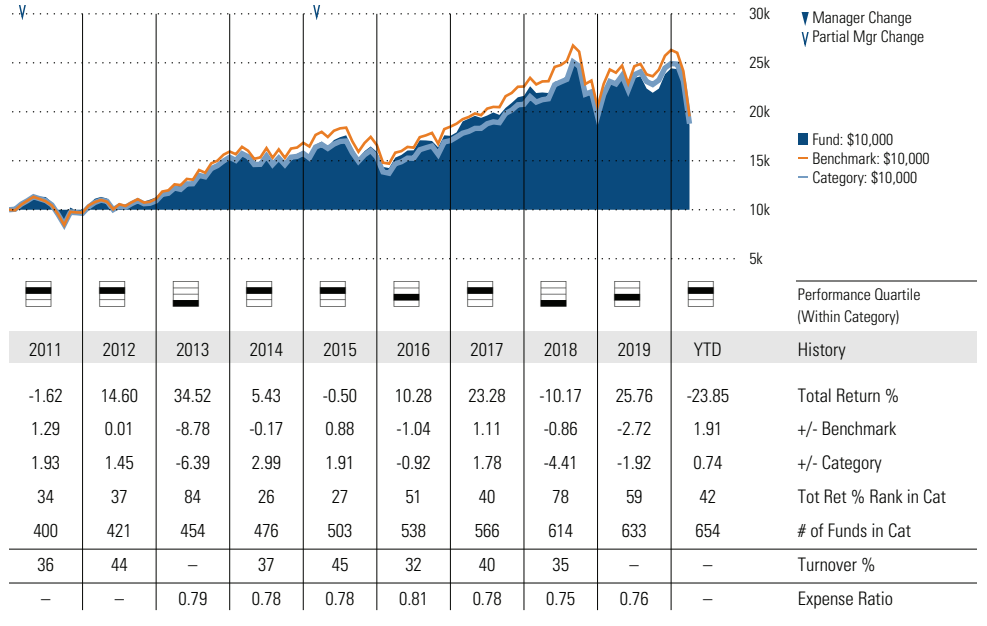
✔ **Style:** The fund has landed in its primary style box — Small Growth — 66.67 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.76 is 37.7% lower than the Small Growth category average.

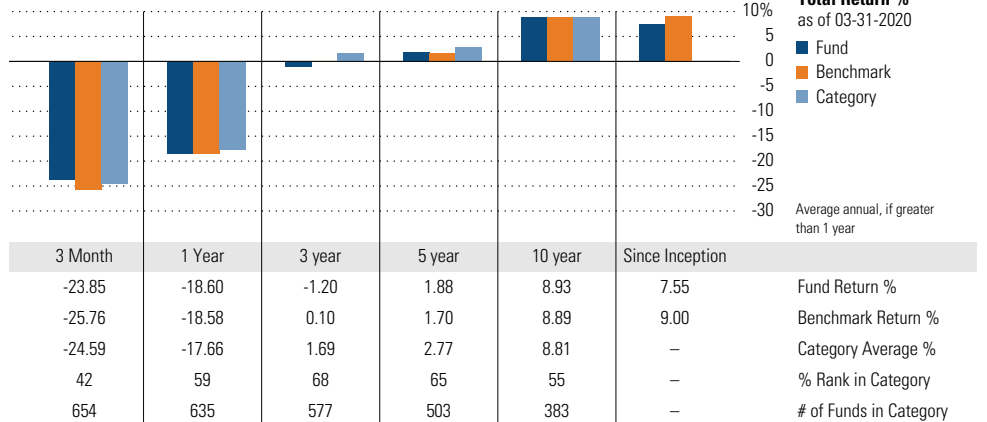
## Morningstar Investment Management LLC Analysis

This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

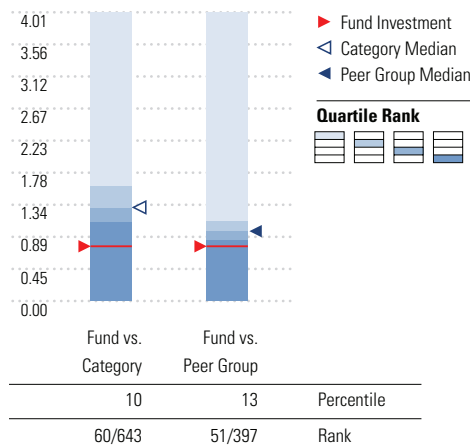
## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-1.29	-	2.11
Beta	0.99	-	0.96
R-Squared	98.14	-	93.17
Standard Deviation	20.81	20.74	20.65
Sharpe Ratio	-0.04	0.03	0.13
Tracking Error	2.84	-	5.29
Information Ratio	-0.46	-	0.34
Up Capture Ratio	97.69	-	98.97
Down Capture Ratio	102.80	-	91.22

## Portfolio Metrics

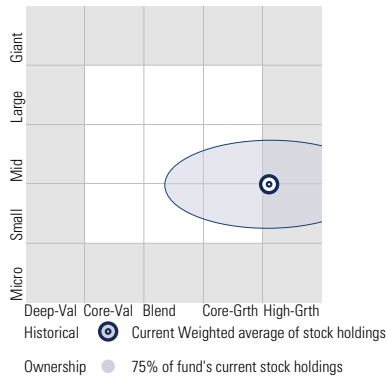
	Fund	Bmark	Cat
Price/Earnings Ratio	24.38	18.45	18.68
Price/Book Ratio	3.35	3.00	2.73
Geom Avg Mkt Cap \$B	3.22	1.84	3.23
ROE	4.65	2.48	7.82

# Carillon Eagle Small Cap Growth I HSIIX

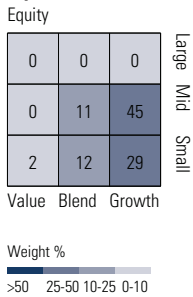
**Morningstar Category**  
Small Growth

**Morningstar Index**  
Russell 2000 Growth TR USD

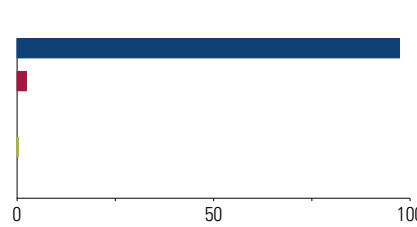
**Style Analysis** as of 03-31-2020  
Morningstar Style Box™



**Style Breakdown**



**Asset Allocation** as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	97.31	93.70
Non-US Stocks	2.36	3.38
Bonds	0.00	0.00
Cash	0.33	2.60
Other	0.00	0.32
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 03-31-2020

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>16.75</b>	<b>20.84</b>	<b>25.83</b>			
Basic Materials	4.48	3.17	2.70			
Consumer Cyclical	6.53	7.34	10.10			
Financial Services	5.13	5.97	9.40			
Real Estate	0.61	4.36	3.63			
<b>Sensitive</b>	<b>43.27</b>	<b>38.88</b>	<b>44.33</b>			
Communication Services	0.00	2.70	2.64			
Energy	0.48	0.29	1.21			
Industrials	18.67	17.92	17.75			
Technology	24.12	17.97	22.73			
<b>Defensive</b>	<b>39.98</b>	<b>40.27</b>	<b>29.84</b>			
Consumer Defensive	4.86	4.56	4.95			
Healthcare	35.12	33.86	23.77			
Utilities	0.00	1.85	1.12			

**Top 15 Holdings** as of 03-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Entegris Inc	3.35	3.35	-10.46	Technology
Quaker Chemical Corp	3.24	6.60	-23.01	Basic Materials
⊖ Teladoc Health Inc	3.06	9.66	85.15	Healthcare
⊖ RealPage Inc	2.95	12.60	-1.53	Technology
⊖ Pegasystems Inc	2.80	15.40	-10.53	Technology
Aerojet Rocketdyne Holdings Inc	2.50	17.91	-8.39	Industrials
Universal Electronics Inc	2.17	20.07	-26.58	Technology
Landstar System Inc	2.10	22.18	-13.90	Industrials
⊖ Cognex Corp	1.99	24.17	-24.56	Technology
⊖ NeoGenomics Inc	1.87	26.03	-5.61	Healthcare
Ritchie Bros Auctioneers Inc	1.85	27.88	-13.02	Industrials
⊖ John Bean Technologies Corp	1.75	29.63	-33.99	Industrials
Graco Inc	1.73	31.37	-5.95	Industrials
⊖ Lumentum Holdings Inc	1.67	33.04	-7.06	Technology
⊖ Tandem Diabetes Care Inc	1.66	34.70	7.95	Healthcare

**Total Holdings 92**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Eaton Vance Income Fund of Boston I EIBIX

**Morningstar Category**  
High Yield Bond

**Morningstar Index**  
ICE BofAML US High Yield TR USD

## Portfolio Manager(s)

Stephen Concannon since 11-2014  
Jeffrey Mueller since 06-2019  
Kelley Baccei since 06-2019

## Quantitative Screens

✔ **Performance:** The fund has finished in the High Yield Bond category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 5.41 years.

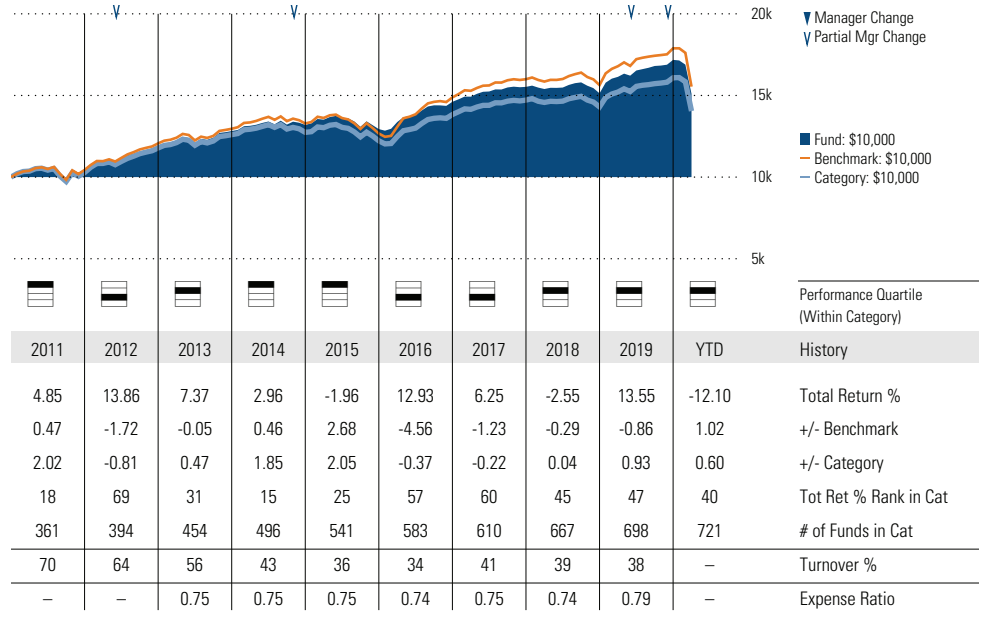
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.79 is 20.2% lower than the High Yield Bond category average.

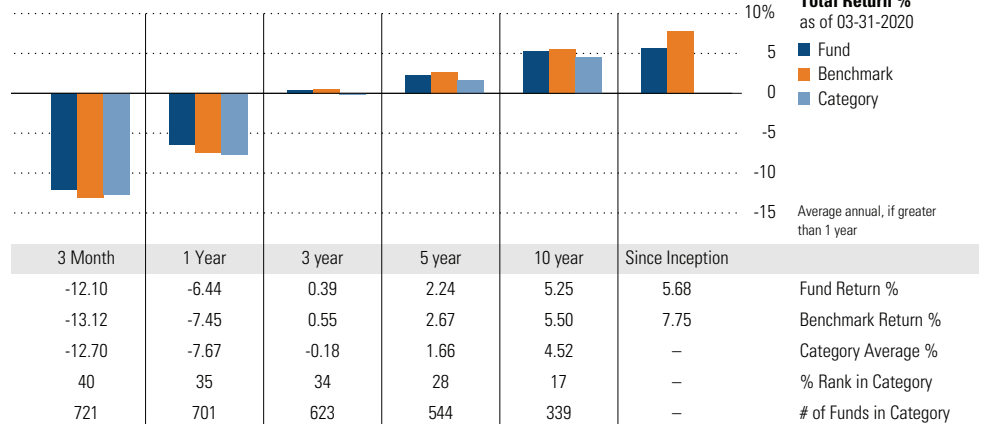
## Morningstar Investment Management LLC Analysis

This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

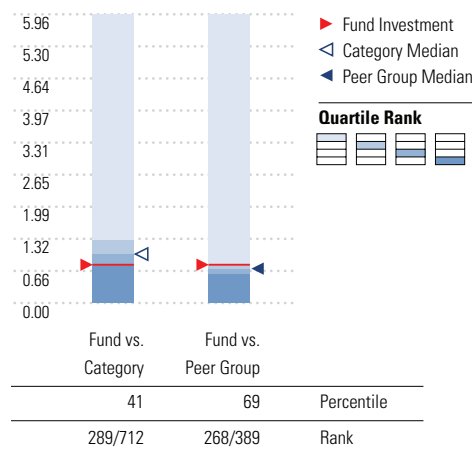
## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.14	-	-0.79
Beta	0.90	-	0.97
R-Squared	99.50	-	96.27
Standard Deviation	7.38	8.22	8.13
Sharpe Ratio	-0.15	-0.10	-0.19
Tracking Error	1.00	-	1.93
Information Ratio	-0.16	-	-0.49
Up Capture Ratio	86.94	-	87.86
Down Capture Ratio	88.30	-	98.22

## Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	2.55	-	3.42
Avg Eff Maturity	3.51	-	5.85

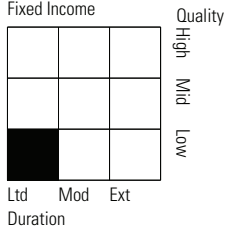
# Eaton Vance Income Fund of Boston I EIBIX

**Morningstar Category**  
High Yield Bond

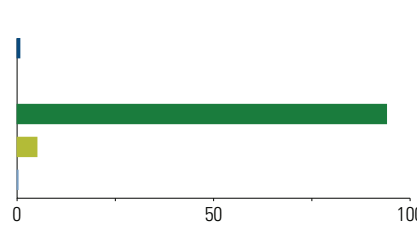
**Morningstar Index**  
ICE BofAML US High Yield TR USD

## Style Analysis as of 03-31-2020

### Style Breakdown



## Asset Allocation as of 03-31-2020

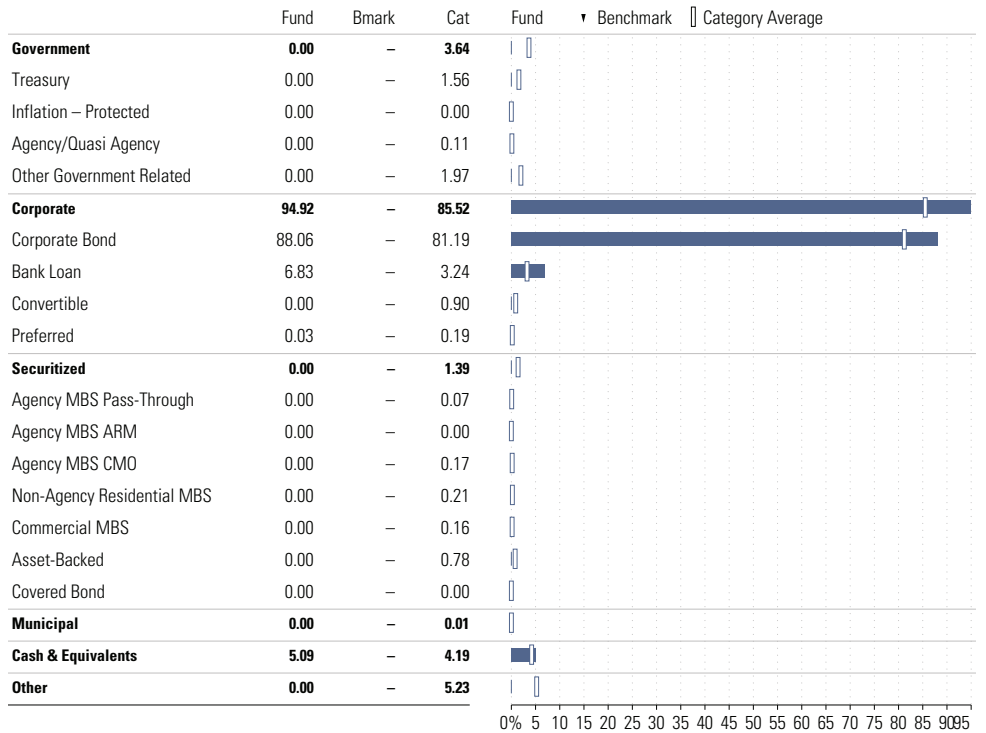


Asset Class	Net %	Cat%
US Stocks	0.70	0.63
Non-US Stocks	0.00	0.03
Bonds	94.00	97.30
Cash	5.05	2.13
Other	0.25	-0.11
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

### Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	0.00	-	1.78
AA	0.00	-	1.17
A	0.00	-	1.47
BBB	8.04	-	3.75
BB	40.41	-	37.28
B	41.16	-	40.07
Below B	8.20	-	13.25
Not Rated	2.19	-	1.23

## Sector Weighting as of 03-31-2020



## Top 10 Holdings as of 03-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Ev Cash Reserves Fund Llc	-	4.77	4.77	-
Asurion	08-2025	1.23	6.00	-
Sprint Corporation 7.88%	09-2023	1.01	7.00	-
MPH Acquisition Holdings LLC 7.12%	06-2024	1.00	8.00	-
NEPTUNE ENERGY BONDCO PLC 6.62%	05-2025	0.68	8.68	-
CrownRock LP 5.62%	10-2025	0.64	9.32	-
Jaguar Holding Co II/Pharmaceutical Product Development LLC 6.38%	08-2023	0.62	9.94	-
Viking Cruises, Ltd. 5.88%	09-2027	0.58	10.52	-
ARD Finance S.A. 5%	06-2027	0.57	11.09	-
T-Mobile USA, Inc. 6.5%	01-2026	0.57	11.65	-

**Total Holdings 515**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# Eaton Vance Income Fund of Boston I EIBIX

**Morningstar Category**  
High Yield Bond

**Morningstar Index**  
ICE BofAML US High Yield TR USD

## Portfolio Manager(s)

Stephen Concannon since 11-2014  
Jeffrey Mueller since 06-2019  
Kelley Baccei since 06-2019

## Quantitative Screens

✔ **Performance:** The fund has finished in the High Yield Bond category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 5.41 years.

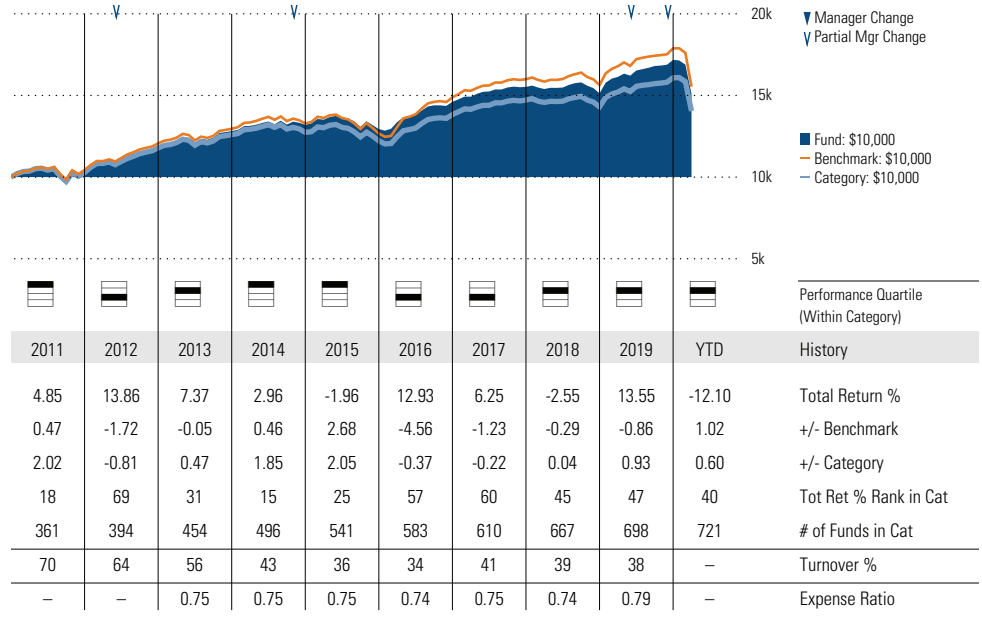
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.79 is 20.2% lower than the High Yield Bond category average.

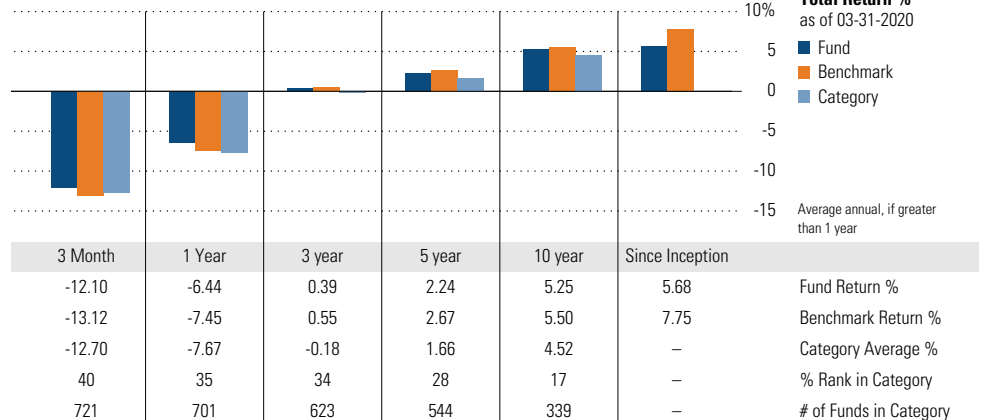
## Morningstar Investment Management LLC Analysis

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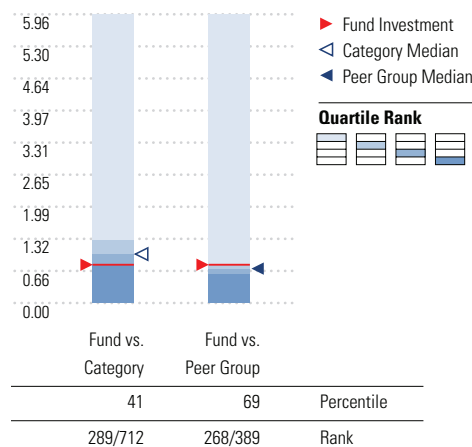
## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.14	-	-0.79
Beta	0.90	-	0.97
R-Squared	99.50	-	96.27
Standard Deviation	7.38	8.22	8.13
Sharpe Ratio	-0.15	-0.10	-0.19
Tracking Error	1.00	-	1.93
Information Ratio	-0.16	-	-0.49
Up Capture Ratio	86.94	-	87.86
Down Capture Ratio	88.30	-	98.22

## Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	2.55	-	3.42
Avg Eff Maturity	3.51	-	5.85

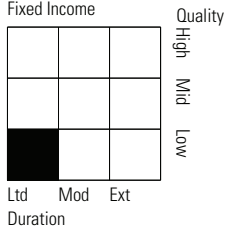
# Eaton Vance Income Fund of Boston I EIBIX

**Morningstar Category**  
High Yield Bond

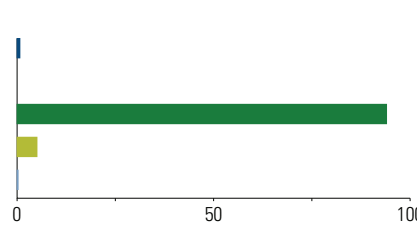
**Morningstar Index**  
ICE BofAML US High Yield TR USD

## Style Analysis as of 03-31-2020

### Style Breakdown



## Asset Allocation as of 03-31-2020

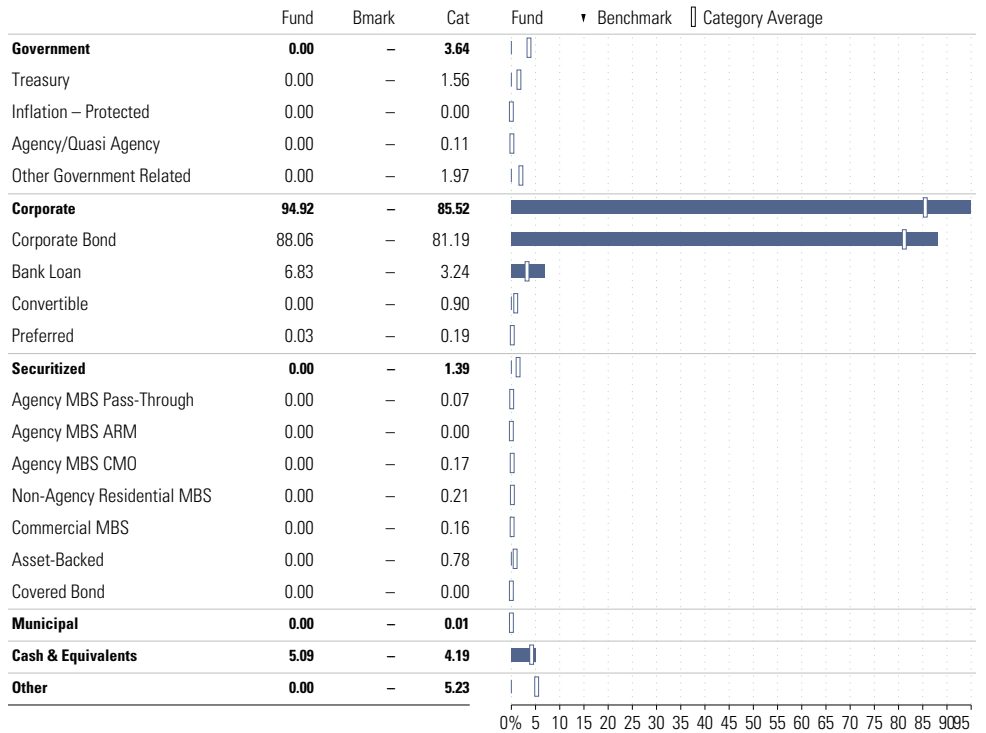


Asset Class	Net %	Cat%
US Stocks	0.70	0.63
Non-US Stocks	0.00	0.03
Bonds	94.00	97.30
Cash	5.05	2.13
Other	0.25	-0.11
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

### Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	0.00	-	1.78
AA	0.00	-	1.17
A	0.00	-	1.47
BBB	8.04	-	3.75
BB	40.41	-	37.28
B	41.16	-	40.07
Below B	8.20	-	13.25
Not Rated	2.19	-	1.23

## Sector Weighting as of 03-31-2020



## Top 10 Holdings as of 03-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Ev Cash Reserves Fund Llc	-	4.77	4.77	-
Asurion	08-2025	1.23	6.00	-
Sprint Corporation 7.88%	09-2023	1.01	7.00	-
MPH Acquisition Holdings LLC 7.12%	06-2024	1.00	8.00	-
NEPTUNE ENERGY BONDCO PLC 6.62%	05-2025	0.68	8.68	-
CrownRock LP 5.62%	10-2025	0.64	9.32	-
Jaguar Holding Co II/Pharmaceutical Product Development LLC 6.38%	08-2023	0.62	9.94	-
Viking Cruises, Ltd. 5.88%	09-2027	0.58	10.52	-
ARD Finance S.A. 5%	06-2027	0.57	11.09	-
T-Mobile USA, Inc. 6.5%	01-2026	0.57	11.65	-

**Total Holdings 515**

⊕ Increase ⊖ Decrease ✱ New to Portfolio



# Federated Government Ultrashrt Dur Instl FGUSX

**Morningstar Category**  
Ultrashort Bond

**Morningstar Index**  
BBgBarc US Agg Bond TR USD

## Portfolio Manager(s)

Susan Hill since 07-1997  
Liam O'Connell since 11-2010

## Quantitative Screens

✗ **Performance:** The fund has finished in the Ultrashort Bond category's top three quartiles in 5 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 22.74 years.

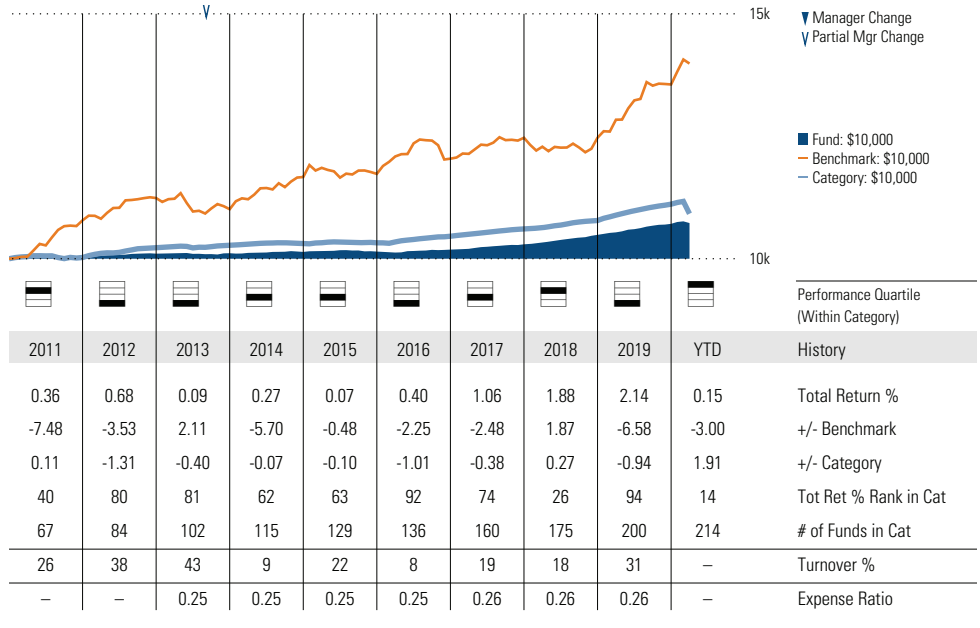
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.26 is 43.48% lower than the Ultrashort Bond category average.

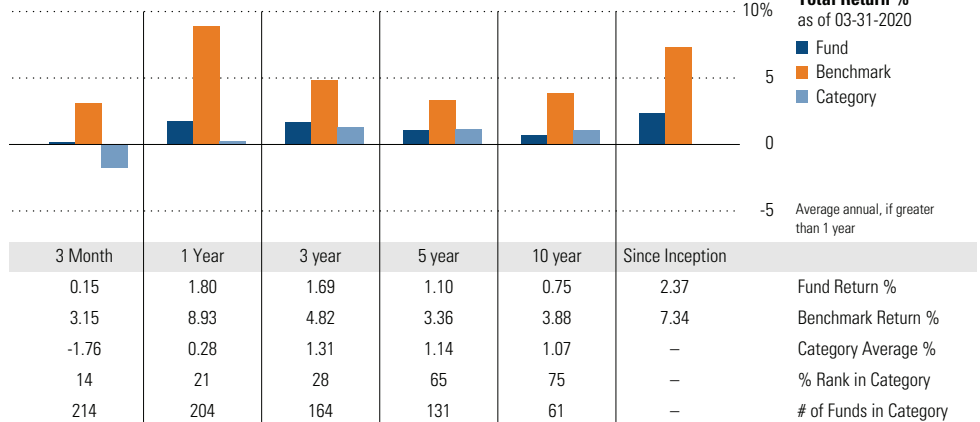
## Morningstar Investment Management LLC Analysis

This fund fails our performance consistency screen. Its relative performance versus typical peers in the ultrashort bond category has struggled, partly due to its strict adherence to investing in government securities, which have lagged credit instruments.

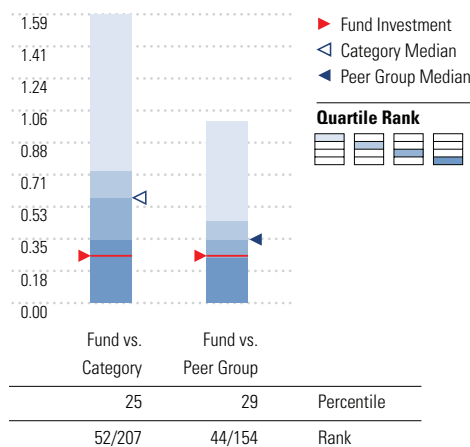
## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	1.41	-	0.65
Beta	0.06	-	0.12
R-Squared	22.25	-	9.71
Standard Deviation	0.38	3.20	1.60
Sharpe Ratio	-0.22	0.96	-0.35
Tracking Error	3.04	-	3.34
Information Ratio	-1.03	-	-1.08
Up Capture Ratio	18.96	-	20.90
Down Capture Ratio	-17.41	-	10.17

## Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	0.38	4.43	0.87
Avg Eff Maturity	2.62	-	1.41

# Federated Government Ultrashrt Dur Instl FGUSX

**Morningstar Category**  
Ultrashort Bond

**Morningstar Index**  
BBgBarc US Agg Bond TR USD

**Style Analysis** as of 03-31-2020

**Style Breakdown**



**Asset Allocation** as of 03-31-2020

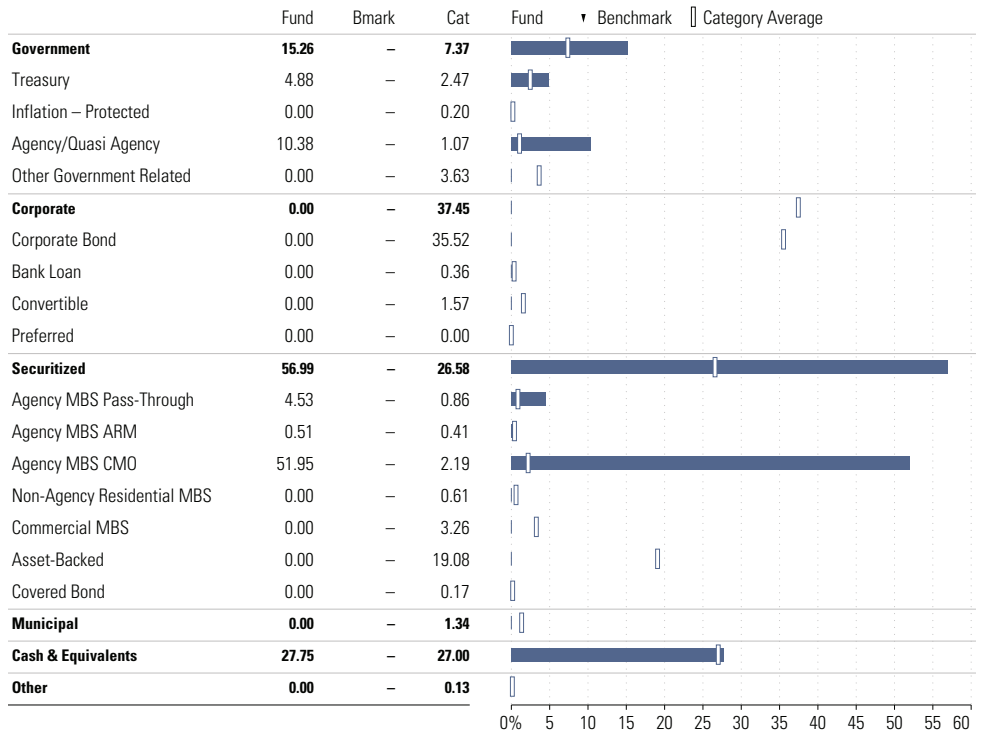


Asset Class	Net %	Cat%
US Stocks	0.00	0.00
Non-US Stocks	0.00	0.00
Bonds	72.25	70.50
Cash	27.75	26.95
Other	0.00	2.56
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Credit Rating Breakdown**

	Fund	Bmark	Cat
AAA	100.00	3.53	56.93
AA	0.00	74.59	7.29
A	0.00	10.82	16.98
BBB	0.00	8.32	12.33
BB	0.00	0.28	1.33
B	0.00	0.00	0.01
Below B	0.00	0.00	0.38
Not Rated	0.00	2.46	4.75

**Sector Weighting** as of 03-31-2020



**Top 10 Holdings** as of 03-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Bmcap Repo 5 Repo	01-2020	22.34	22.34	-
⊖ Government National Mortgage Association 2.16%	01-2049	4.01	26.35	-
⊖ Government National Mortgage Association 2.21%	01-2049	3.43	29.78	-
⊖ Government National Mortgage Association 0.82%	02-2065	3.33	33.11	-
⊖ Government National Mortgage Association 0.82%	01-2065	3.21	36.32	-
⊖ Government National Mortgage Association 2.16%	09-2046	2.72	39.04	-
⊖ Government National Mortgage Association 0.59%	09-2062	2.43	41.47	-
⊖ Government National Mortgage Association 0.74%	06-2062	2.32	43.78	-
⊖ Government National Mortgage Association 2.16%	10-2046	2.23	46.02	-
⊖ Government National Mortgage Association 2.16%	01-2047	2.14	48.16	-

**Total Holdings 223**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# Federated Government Ultrashrt Dur Instl FGUSX

**Morningstar Category**  
Ultrashort Bond

**Morningstar Index**  
BBgBarc US Agg Bond TR USD

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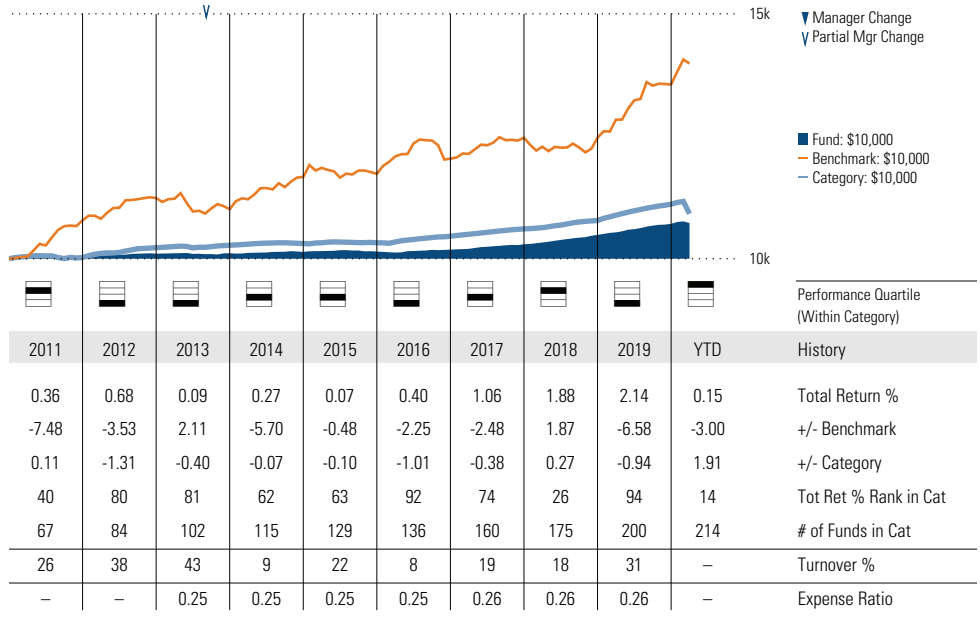
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.26 is 43.48% lower than the Ultrashort Bond category average.

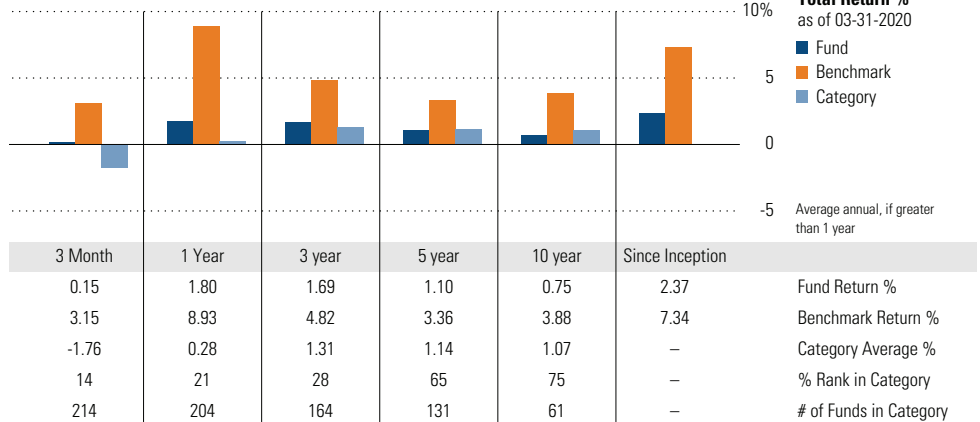
## Morningstar Investment Management LLC Analysis

This fund fails our performance consistency screen. Its relative performance versus typical peers in the ultrashort bond category has struggled, partly due to its strict adherence to investing in government securities, which have lagged credit instruments.

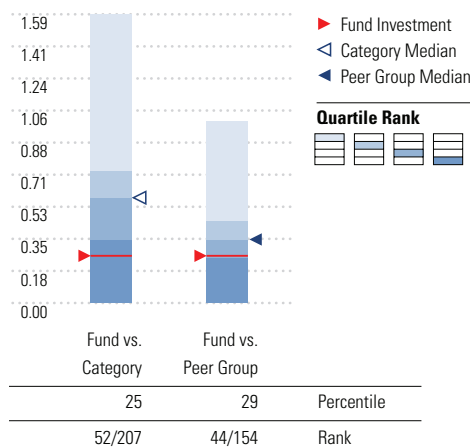
## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	1.41	-	0.65
Beta	0.06	-	0.12
R-Squared	22.25	-	9.71
Standard Deviation	0.38	3.20	1.60
Sharpe Ratio	-0.22	0.96	-0.35
Tracking Error	3.04	-	3.34
Information Ratio	-1.03	-	-1.08
Up Capture Ratio	18.96	-	20.90
Down Capture Ratio	-17.41	-	10.17

## Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	0.38	4.43	0.87
Avg Eff Maturity	2.62	-	1.41

# Federated Government Ultrashrt Dur Instl FGUSX

**Morningstar Category**  
Ultrashort Bond

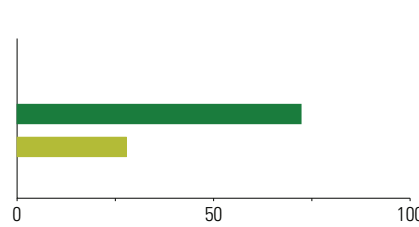
**Morningstar Index**  
BBgBarc US Agg Bond TR USD

## Style Analysis as of 03-31-2020

### Style Breakdown



## Asset Allocation as of 03-31-2020

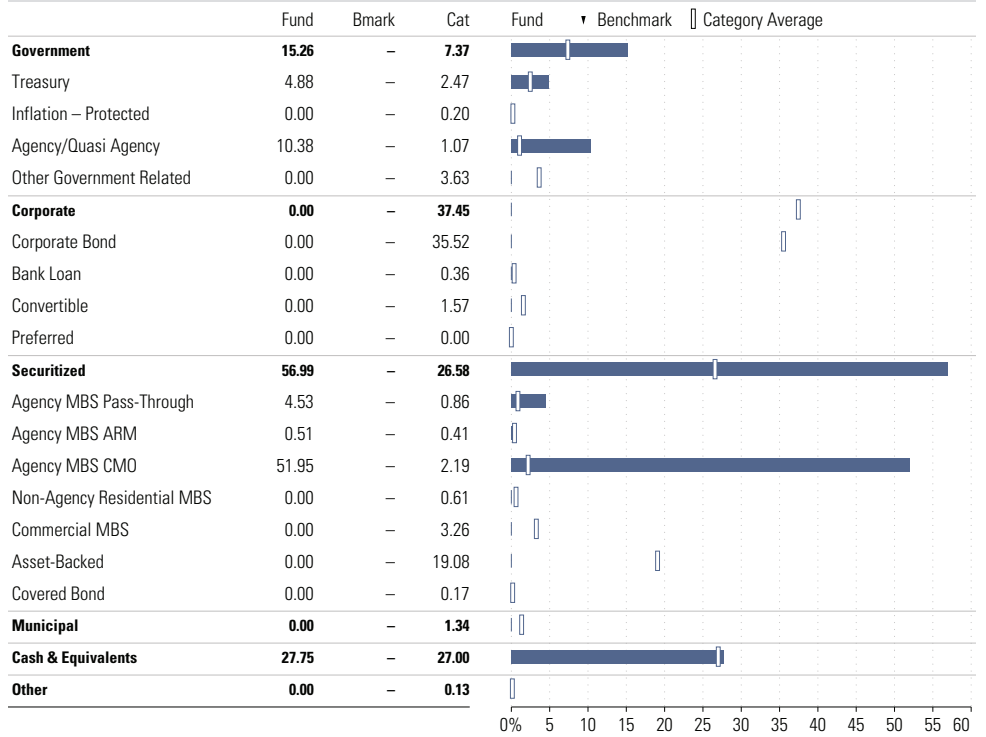


Asset Class	Net %	Cat%
US Stocks	0.00	0.00
Non-US Stocks	0.00	0.00
Bonds	72.25	70.50
Cash	27.75	26.95
Other	0.00	2.56
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	100.00	3.53	56.93
AA	0.00	74.59	7.29
A	0.00	10.82	16.98
BBB	0.00	8.32	12.33
BB	0.00	0.28	1.33
B	0.00	0.00	0.01
Below B	0.00	0.00	0.38
Not Rated	0.00	2.46	4.75

## Sector Weighting as of 03-31-2020



## Top 10 Holdings as of 03-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Bmcap Repo 5 Repo	01-2020	22.34	22.34	-
⊖ Government National Mortgage Association 2.16%	01-2049	4.01	26.35	-
⊖ Government National Mortgage Association 2.21%	01-2049	3.43	29.78	-
⊖ Government National Mortgage Association 0.82%	02-2065	3.33	33.11	-
⊖ Government National Mortgage Association 0.82%	01-2065	3.21	36.32	-
⊖ Government National Mortgage Association 2.16%	09-2046	2.72	39.04	-
⊖ Government National Mortgage Association 0.59%	09-2062	2.43	41.47	-
⊖ Government National Mortgage Association 0.74%	06-2062	2.32	43.78	-
⊖ Government National Mortgage Association 2.16%	10-2046	2.23	46.02	-
⊖ Government National Mortgage Association 2.16%	01-2047	2.14	48.16	-

## Total Holdings 223

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# Fidelity® Contrafund® FCNTX

**Morningstar Category**  
Large Growth

**Morningstar Index**  
Russell 1000 Growth TR USD

## Portfolio Manager(s)

William Danoff since 09-1990

## Quantitative Screens

✔ **Performance:** The fund has finished in the Large Growth category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 29.56 years.

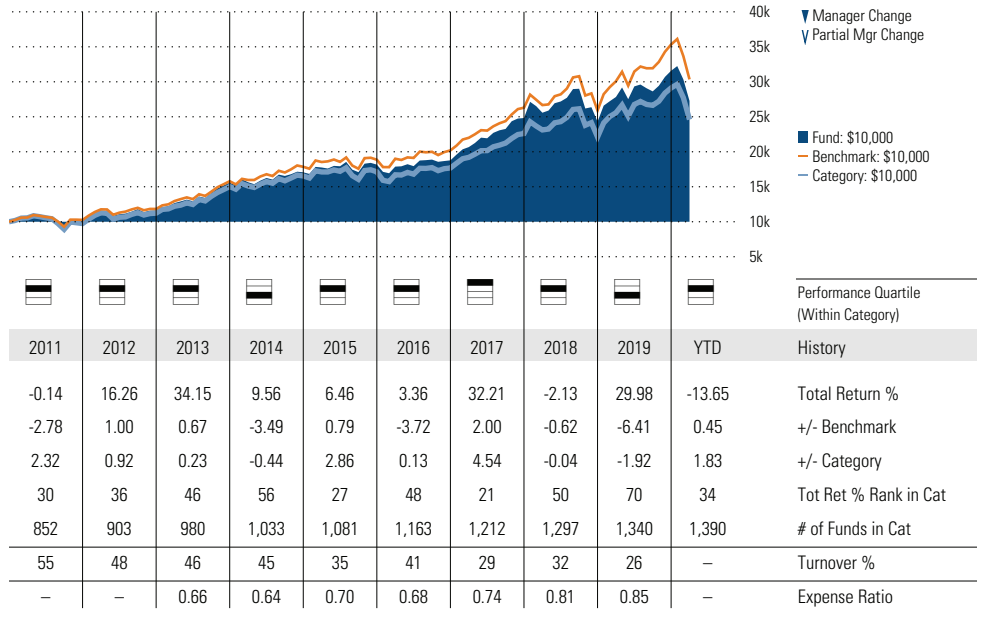
✔ **Style:** The fund has landed in its primary style box — Large Growth — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.85 is 17.48% lower than the Large Growth category average.

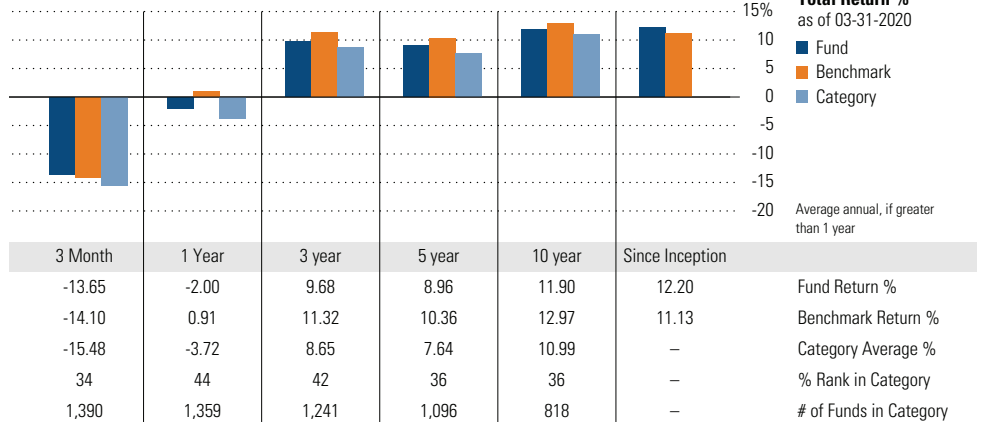
## Morningstar Investment Management LLC Analysis

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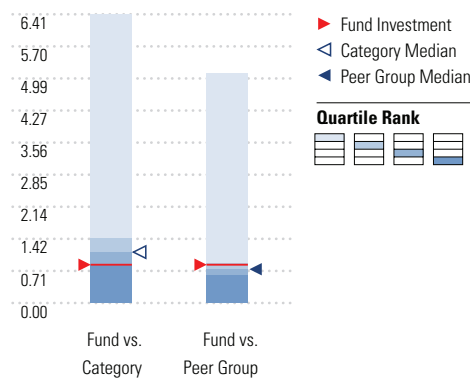
## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-1.51	-	-2.20
Beta	1.00	-	1.00
R-Squared	96.75	-	92.89
Standard Deviation	15.73	15.40	16.06
Sharpe Ratio	0.56	0.66	0.50
Tracking Error	2.84	-	4.21
Information Ratio	-0.58	-	-0.67
Up Capture Ratio	94.96	-	92.51
Down Capture Ratio	100.88	-	101.71

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	23.45	23.70	22.48
Price/Book Ratio	4.32	6.45	4.43
Geom Avg Mkt Cap \$B	179.58	135.45	149.21
ROE	25.37	33.87	28.15

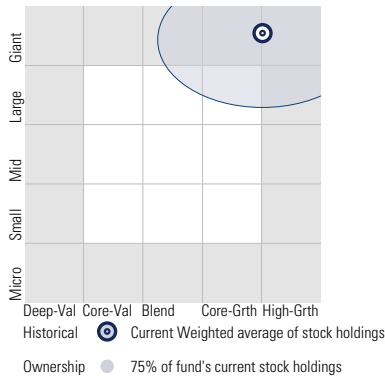
# Fidelity® Contrafund® FCNTX

**Morningstar Category**  
Large Growth

**Morningstar Index**  
Russell 1000 Growth TR USD

## Style Analysis as of 03-31-2020

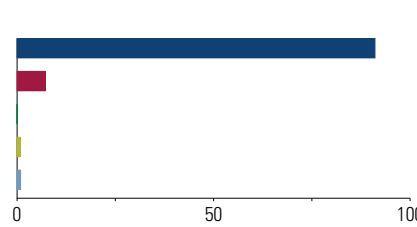
Morningstar Style Box™



## Style Breakdown

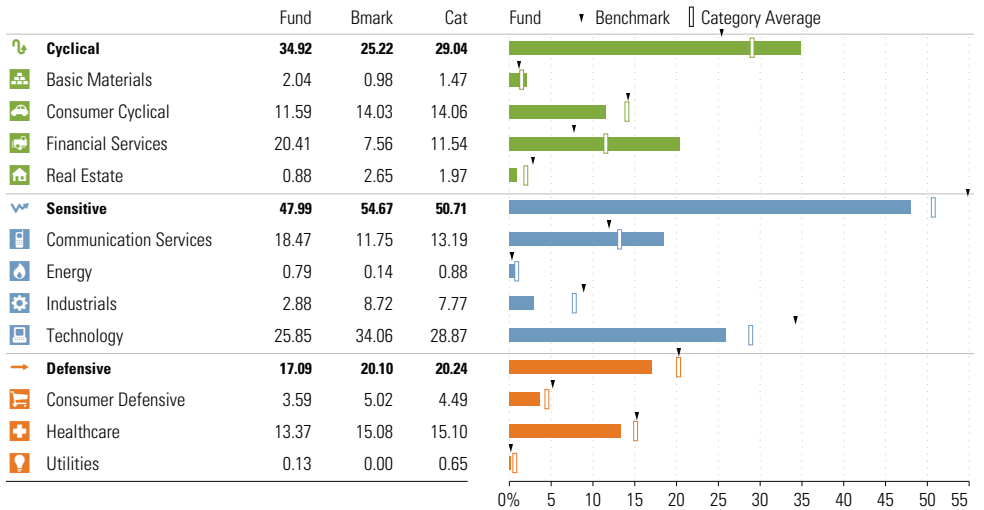


## Asset Allocation as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	91.05	91.85
Non-US Stocks	7.18	6.08
Bonds	0.01	0.05
Cash	0.87	1.59
Other	0.88	0.43
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2020



## Top 15 Holdings as of 03-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Facebook Inc A	7.49	7.49	-18.73	Communication Svc
Amazon.com Inc	7.07	14.56	5.51	Consumer Cyclical
⊖ Microsoft Corp	5.97	20.52	0.33	Technology
Berkshire Hathaway Inc A	5.41	25.93	-19.90	Financial Services
Salesforce.com Inc	4.10	30.03	-11.47	Technology
⊖ Visa Inc Class A	3.97	34.00	-14.09	Financial Services
⊕ Adobe Inc	3.22	37.22	-3.51	Technology
Alphabet Inc A	2.96	40.18	-13.25	Communication Svc
⊕ UnitedHealth Group Inc	2.84	43.02	-14.80	Healthcare
Alphabet Inc Class C	2.67	45.69	-13.03	Communication Svc
⊖ Mastercard Inc A	2.61	48.30	-18.97	Financial Services
⊖ Netflix Inc	2.55	50.85	16.05	Communication Svc
⊖ Apple Inc	2.12	52.97	-13.14	Technology
⊖ Amphenol Corp Class A	1.48	54.45	-32.43	Technology
⊖ Bank of America Corp	1.45	55.90	-39.21	Financial Services

**Total Holdings 303**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Fidelity® Contrafund® FCNTX

**Morningstar Category**  
Large Growth

**Morningstar Index**  
Russell 1000 Growth TR USD

## Portfolio Manager(s)

William Danoff since 09-1990

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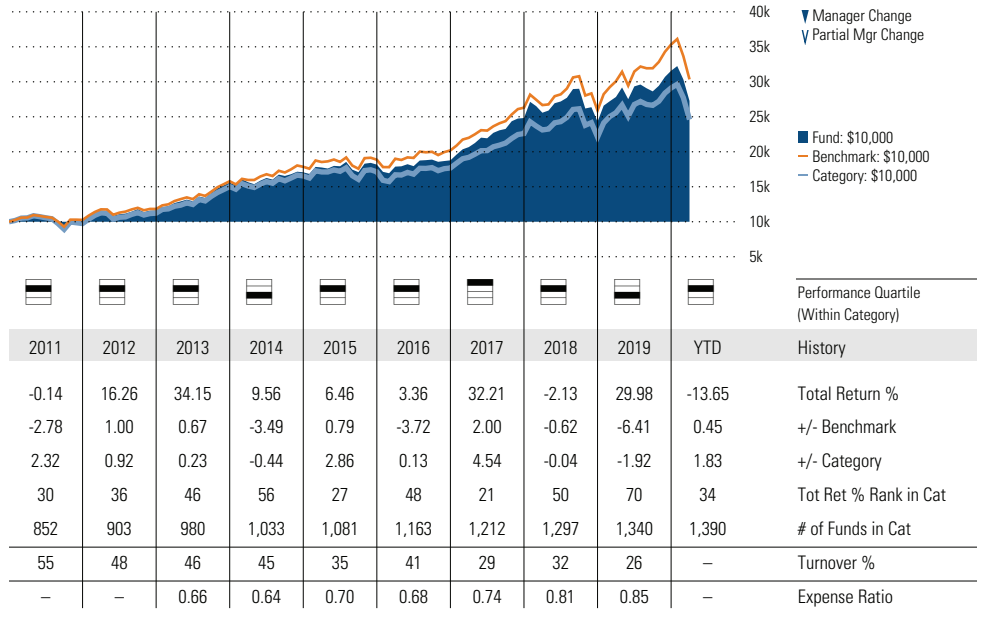
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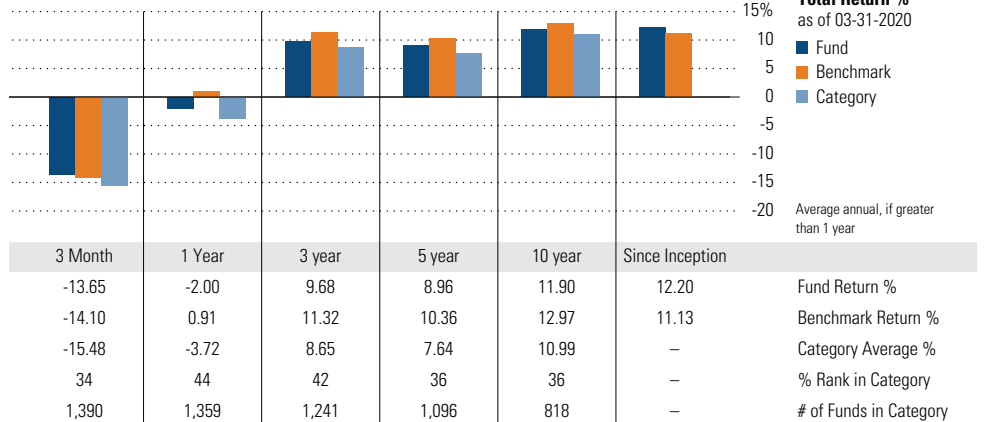
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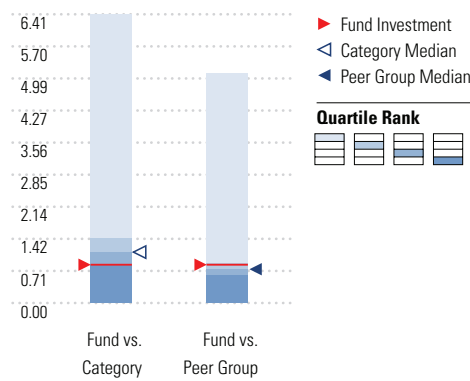
## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-1.51	-	-2.20
Beta	1.00	-	1.00
R-Squared	96.75	-	92.89
Standard Deviation	15.73	15.40	16.06
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## Portfolio Metrics

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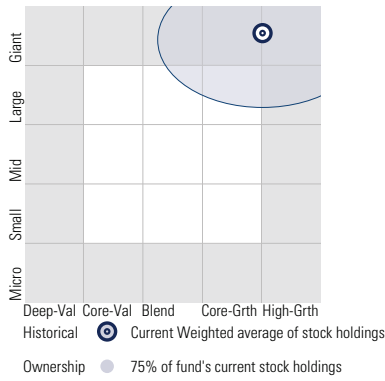
# Fidelity® Contrafund® FCNTX

**Morningstar Category**  
Large Growth

**Morningstar Index**  
Russell 1000 Growth TR USD

## Style Analysis as of 03-31-2020

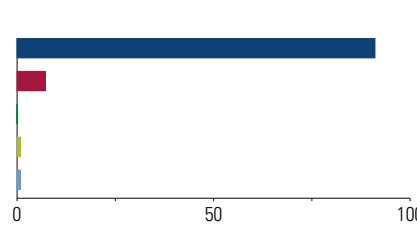
Morningstar Style Box™



## Style Breakdown

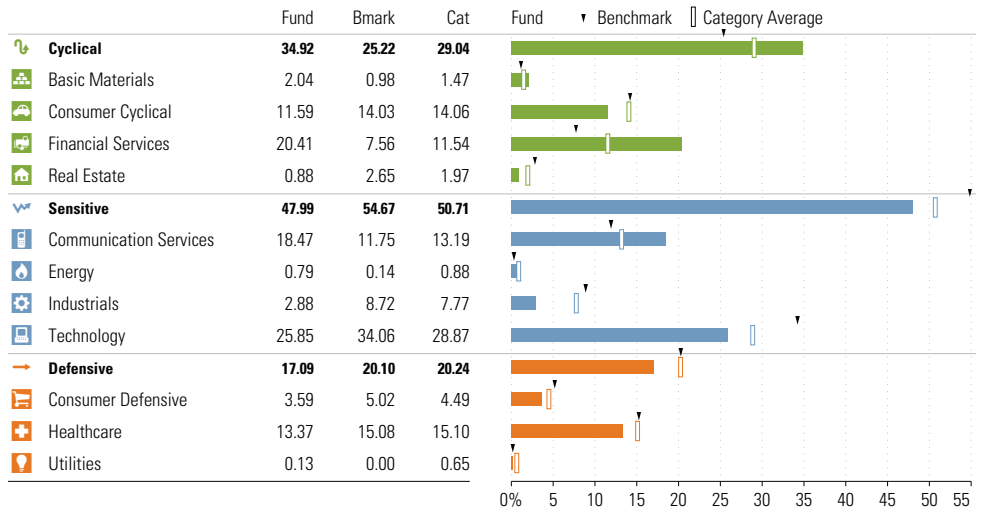


## Asset Allocation as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	91.05	91.85
Non-US Stocks	7.18	6.08
Bonds	0.01	0.05
Cash	0.87	1.59
Other	0.88	0.43
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2020



## Top 15 Holdings as of 03-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Facebook Inc A	7.49	7.49	-18.73	Communication Svc
Amazon.com Inc	7.07	14.56	5.51	Consumer Cyclical
Microsoft Corp	5.97	20.52	0.33	Technology
Berkshire Hathaway Inc A	5.41	25.93	-19.90	Financial Services
Salesforce.com Inc	4.10	30.03	-11.47	Technology
Visa Inc Class A	3.97	34.00	-14.09	Financial Services
Adobe Inc	3.22	37.22	-3.51	Technology
Alphabet Inc A	2.96	40.18	-13.25	Communication Svc
UnitedHealth Group Inc	2.84	43.02	-14.80	Healthcare
Alphabet Inc Class C	2.67	45.69	-13.03	Communication Svc
Mastercard Inc A	2.61	48.30	-18.97	Financial Services
Netflix Inc	2.55	50.85	16.05	Communication Svc
Apple Inc	2.12	52.97	-13.14	Technology
Amphenol Corp Class A	1.48	54.45	-32.43	Technology
Bank of America Corp	1.45	55.90	-39.21	Financial Services

**Total Holdings 303**

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# JPMorgan Emerging Markets Equity R5 JEMOX

**Morningstar Category**  
Diversified Emerging Mkts

**Morningstar Index**  
MSCI EM NR USD

## Portfolio Manager(s)

Austin Forey since 09-2005  
Amit Mehta since 02-2013  
Leon Eidelman since 02-2013

## Quantitative Screens

✔ **Performance:** The fund has finished in the Diversified Emerging Mkts category's top three quartiles in 3 of the 3 years it's been in existence.

✔ **Management:** The fund's management has been in place for 14.59 years.

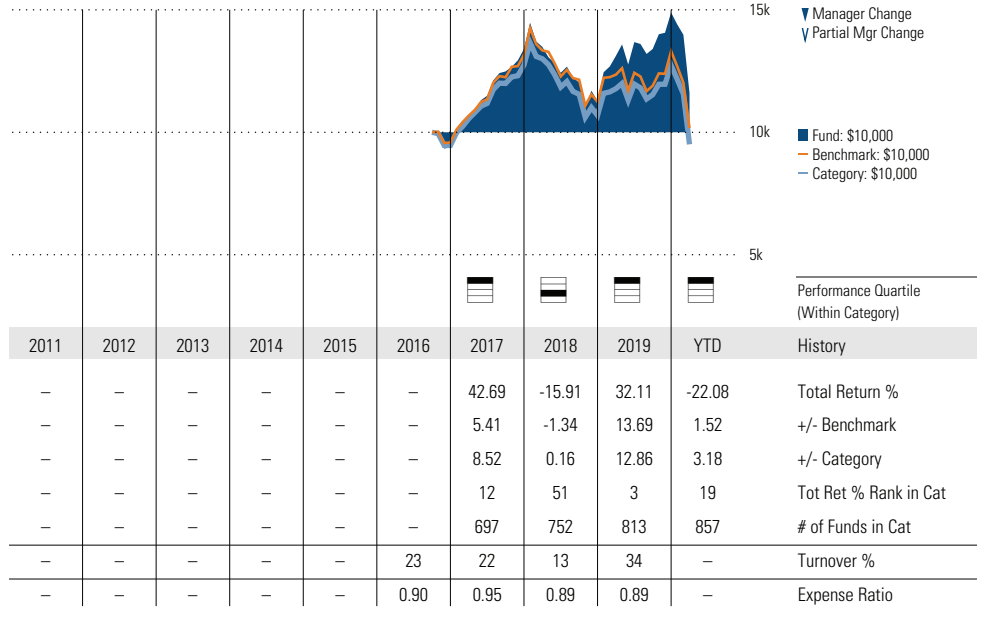
✔ **Style:** The fund has landed in its primary style box — Large Growth — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.89 is 29.92% lower than the Diversified Emerging Mkts category average.

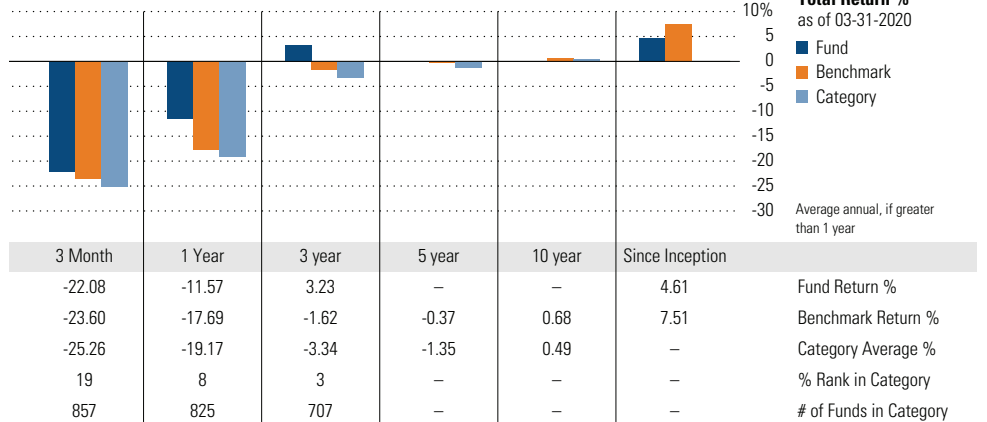
## Morningstar Investment Management LLC Analysis

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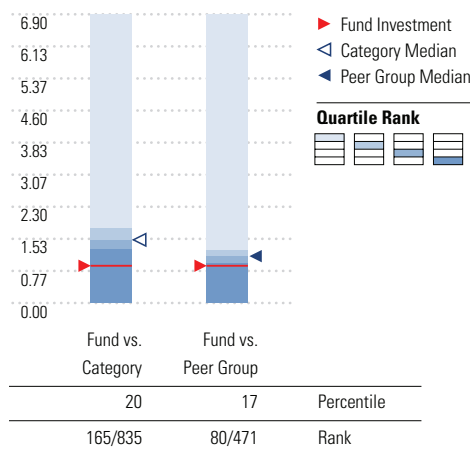
## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	4.93	-	-1.35
Beta	1.00	-	0.97
R-Squared	93.76	-	91.31
Standard Deviation	17.95	17.36	17.72
Sharpe Ratio	0.17	-0.11	-0.18
Tracking Error	4.48	-	5.12
Information Ratio	1.08	-	-0.26
Up Capture Ratio	115.57	-	91.96
Down Capture Ratio	94.04	-	98.78

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	21.47	11.77	11.91
Price/Book Ratio	3.77	1.34	1.57
Geom Avg Mkt Cap \$B	50.18	32.46	31.22
ROE	21.01	16.18	17.95

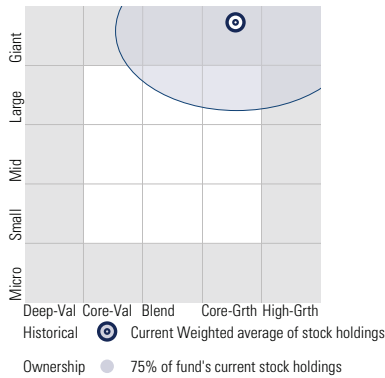
# JPMorgan Emerging Markets Equity R5 JEMOX

**Morningstar Category**  
Diversified Emerging Mkts

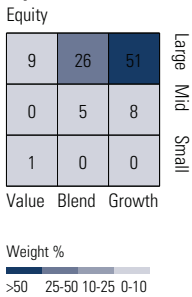
**Morningstar Index**  
MSCI EM NR USD

## Style Analysis as of 03-31-2020

Morningstar Style Box™



## Style Breakdown

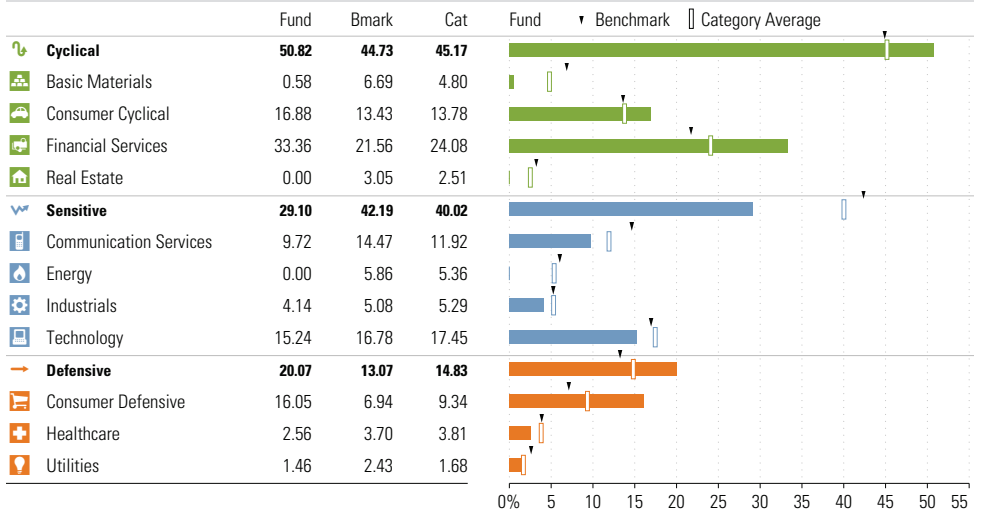


## Asset Allocation as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	5.10	2.97
Non-US Stocks	92.61	94.45
Bonds	0.00	0.48
Cash	2.30	1.54
Other	0.00	0.56
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2020



## World Regions % Equity 03-31-2020



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	74.58	71.09	Americas	16.84	14.36	Greater Europe	8.58	14.55	Developed Markets	31.23
Japan	0.00	0.10	North America	5.22	1.90	United Kingdom	0.00	0.75	Emerging Markets	68.77
Australasia	0.00	0.01	Central/Latin	11.62	12.46	W euro-ex UK	1.93	1.66	Not Available	0.00
Asia-4 Tigers	24.07	23.83				Emrgng Europe	3.29	6.89		
Asia-ex 4 Tigers	50.51	47.15				Africa	3.36	5.25		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 03-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Alibaba Group Holding Ltd ADR	5.83	5.83	-8.31	Consumer Cyclical
⊕ Tencent Holdings Ltd	4.85	10.69	2.23	Communication Svc
⊕ Taiwan Semiconductor Manufacturing Co Ltd ADR	4.51	15.19	-17.03	Technology
⊕ Samsung Electronics Co Ltd	4.08	19.28	-	Technology
⊕ AIA Group Ltd	3.62	22.90	-18.16	Financial Services
⊕ Housing Development Finance Corp Ltd	3.53	26.43	-32.44	Financial Services
⊕ Ping An Insurance (Group) Co. of China Ltd Class H	2.78	29.21	-17.32	Financial Services
⊖ JPMorgan Prime Money Market Inst	2.30	31.51	-	-
⊕ HDFC Bank Ltd	2.24	33.75	-32.25	Financial Services
⊕ WuXi Biologics (Cayman) Inc Registered Shs Unitary 144A/Reg S	2.09	35.84	4.28	Healthcare

**Total Holdings 68**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# JPMorgan Emerging Markets Equity R5 JEMOX

**Morningstar Category**  
Diversified Emerging Mkts

**Morningstar Index**  
MSCI EM NR USD

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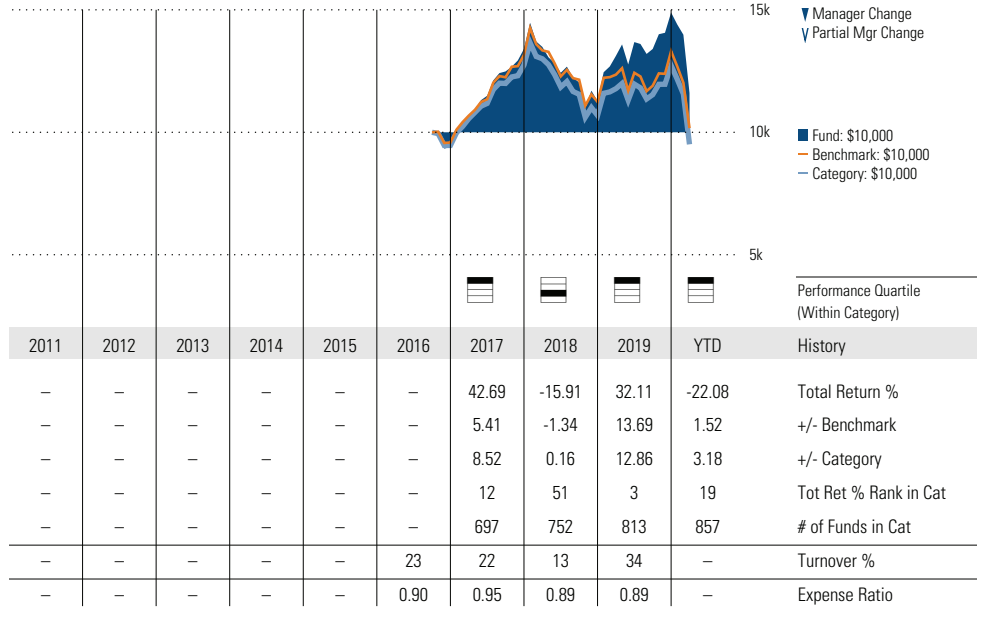
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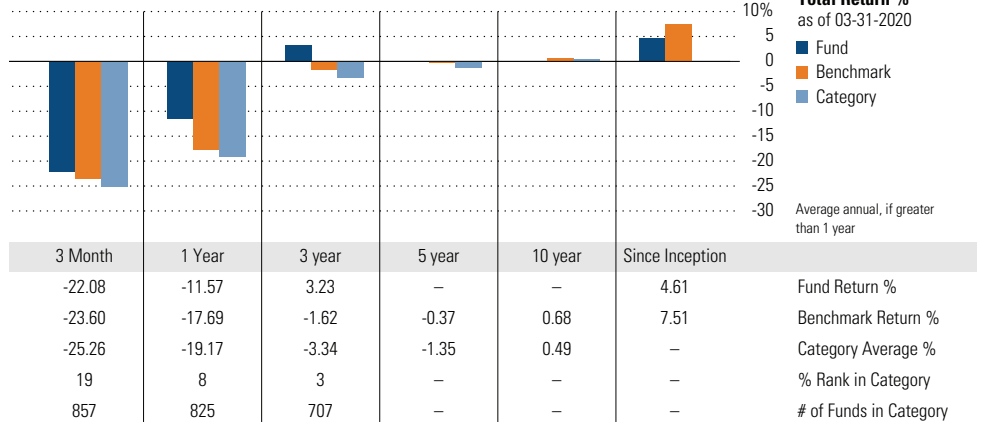
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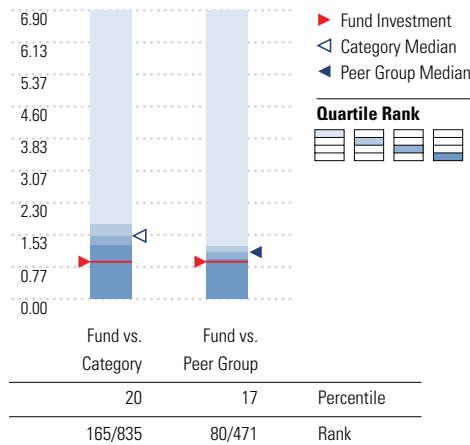
## Growth of \$10,000



## Trailing Performance



## Net Expense



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## 3-Year Risk Metrics

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Standard Deviation	17.95	17.36	17.72
Sharpe Ratio	0.17	-0.11	-0.18
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## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	21.47	11.77	11.91
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Geom Avg Mkt Cap \$B	50.18	32.46	31.22
ROE	21.01	16.18	17.95

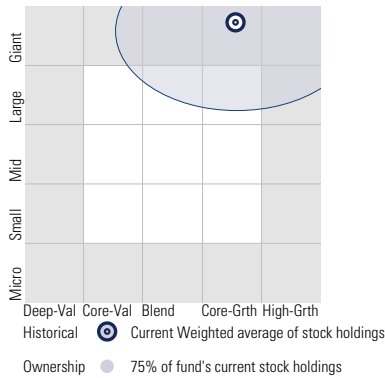
# JPMorgan Emerging Markets Equity R5 JEMOX

**Morningstar Category**  
Diversified Emerging Mkts

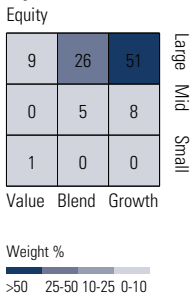
**Morningstar Index**  
MSCI EM NR USD

## Style Analysis as of 03-31-2020

Morningstar Style Box™



## Style Breakdown



## Asset Allocation as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	5.10	2.97
Non-US Stocks	92.61	94.45
Bonds	0.00	0.48
Cash	2.30	1.54
Other	0.00	0.56
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2020



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Greater Asia	74.58	71.09	Americas	16.84	14.36	Greater Europe	8.58	14.55	Market Maturity	
Japan	0.00	0.10	North America	5.22	1.90	United Kingdom	0.00	0.75	Developed Markets	31.23
Australasia	0.00	0.01	Central/Latin	11.62	12.46	W euro-ex UK	1.93	1.66	Emerging Markets	68.77
Asia-4 Tigers	24.07	23.83				Emrgng Europe	3.29	6.89	Not Available	0.00
Asia-ex 4 Tigers	50.51	47.15				Africa	3.36	5.25		
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## Top 10 Holdings as of 03-31-2020

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⊕ Samsung Electronics Co Ltd	4.08	19.28	-	Technology
⊕ AIA Group Ltd	3.62	22.90	-18.16	Financial Services
⊕ Housing Development Finance Corp Ltd	3.53	26.43	-32.44	Financial Services
⊕ Ping An Insurance (Group) Co. of China Ltd Class H	2.78	29.21	-17.32	Financial Services
⊖ JPMorgan Prime Money Market Inst	2.30	31.51	-	-
⊕ HDFC Bank Ltd	2.24	33.75	-32.25	Financial Services
⊕ WuXi Biologics (Cayman) Inc Registered Shs Unitary 144A/Reg S	2.09	35.84	4.28	Healthcare

**Total Holdings 68**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# MFS International Growth R4 MGRVX

**Morningstar Category**  
Foreign Large Growth

**Morningstar Index**  
MSCI EAFE NR USD

## Portfolio Manager(s)

David Antonelli since 01-2010

Kevin Dwan since 01-2012

Matthew Barrett since 03-2015

## Quantitative Screens

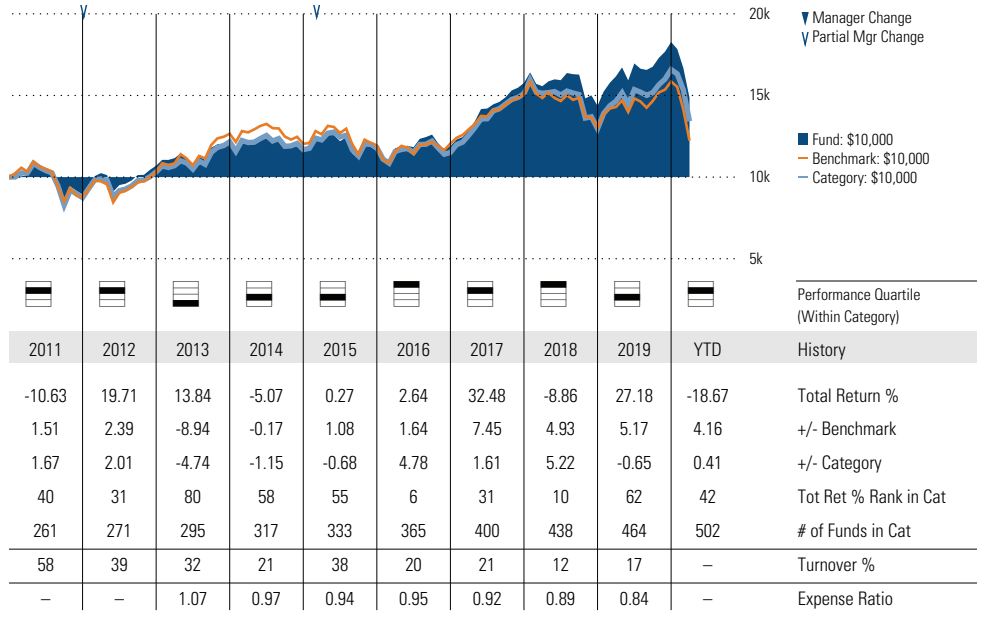
✔ **Performance:** The fund has finished in the Foreign Large Growth category's top three quartiles in 9 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 10.22 years.

✔ **Style:** The fund has landed in its primary style box — Large Growth — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.84 is 23.64% lower than the Foreign Large Growth category average.

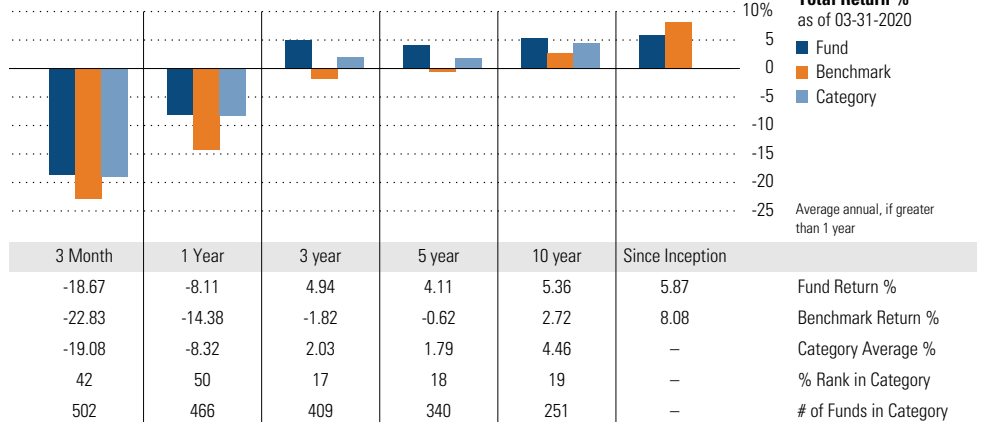
## Growth of \$10,000



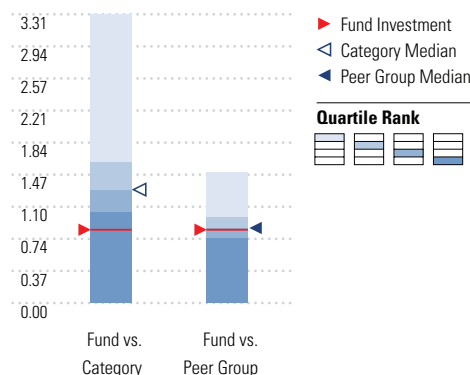
## Morningstar Investment Management LLC Analysis

This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	6.45	-	3.82
Beta	0.90	-	0.96
R-Squared	92.69	-	-
Standard Deviation	13.63	14.58	14.92
Sharpe Ratio	0.29	-0.17	0.07
Tracking Error	3.96	-	5.27
Information Ratio	1.71	-	0.71
Up Capture Ratio	107.76	-	102.49
Down Capture Ratio	74.14	-	83.57

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	21.78	13.90	18.97
Price/Book Ratio	2.81	1.27	2.46
Geom Avg Mkt Cap \$B	52.67	30.88	36.31
ROE	19.18	15.37	18.90

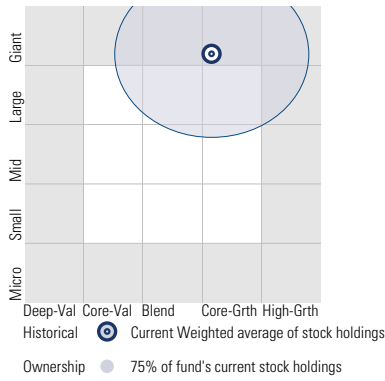
# MFS International Growth R4 MGRVX

**Morningstar Category**  
Foreign Large Growth

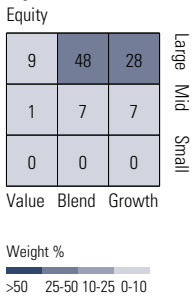
**Morningstar Index**  
MSCI EAFE NR USD

## Style Analysis as of 03-31-2020

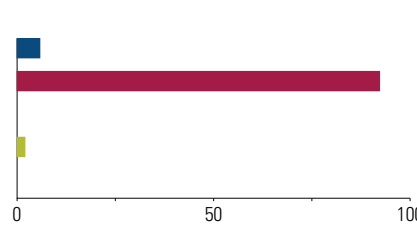
Morningstar Style Box™



## Style Breakdown

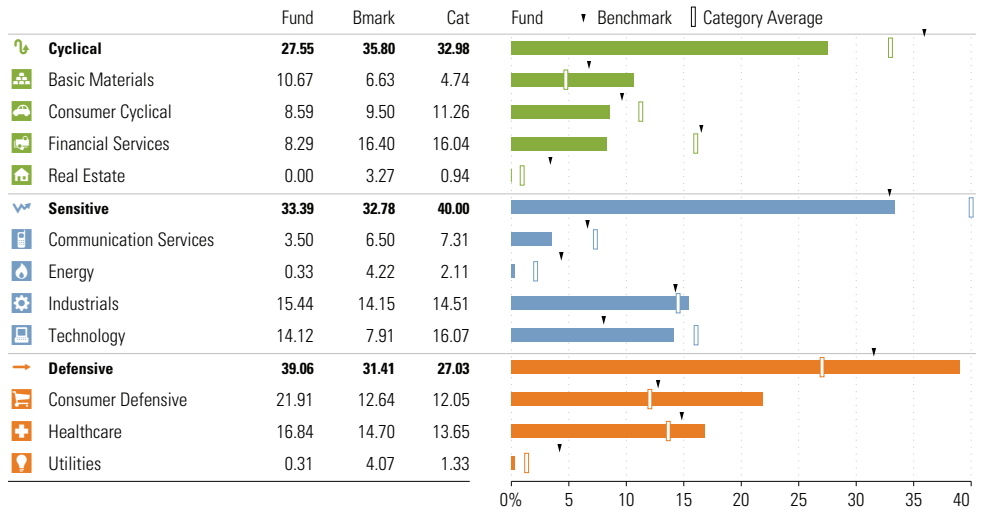


## Asset Allocation as of 03-31-2020

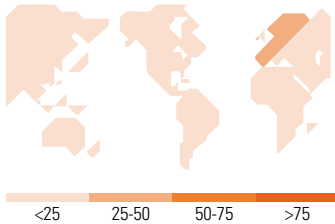


Asset Class	Net %	Cat%
US Stocks	5.78	7.26
Non-US Stocks	92.24	89.93
Bonds	0.00	0.02
Cash	1.98	2.57
Other	0.00	0.21
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2020



## World Regions % Equity 03-31-2020



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	27.97	32.33	Americas	13.66	12.99	Greater Europe	58.37	54.68	Developed Markets	90.50
Japan	9.00	13.97	North America	12.09	11.17	United Kingdom	11.29	11.67	Emerging Markets	9.50
Australasia	0.48	1.99	Central/Latin	1.57	1.82	W euro-ex UK	46.01	41.89	Not Available	0.00
Asia-4 Tigers	10.88	6.56				Emrgng Europe	0.31	0.40		
Asia-ex 4 Tigers	7.61	9.81				Africa	0.76	0.72		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 03-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Nestle SA	5.92	5.92	-5.09	Consumer Defensive
Roche Holding AG Dividend Right Cert.	5.69	11.61	2.88	Healthcare
⊖ Taiwan Semiconductor Manufacturing Co Ltd ADR	3.97	15.58	-17.03	Technology
⊕ AIA Group Ltd	3.72	19.30	-14.24	Financial Services
SAP SE	3.70	23.00	-14.56	Technology
LVMH Moet Hennessy Louis Vuitton SE	3.27	26.27	-18.29	Consumer Cyclical
L'Oreal SA	2.91	29.18	-9.51	Consumer Defensive
Novartis AG	2.58	31.75	-9.90	Healthcare
⊕ Danone SA	2.48	34.23	-20.65	Consumer Defensive
Canadian National Railway Co	2.39	36.62	-5.84	Industrials

**Total Holdings 85**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# MFS International Growth R4 MGRVX

**Morningstar Category**  
Foreign Large Growth

**Morningstar Index**  
MSCI EAFE NR USD

## Portfolio Manager(s)

David Antonelli since 01-2010

Kevin Dwan since 01-2012

Matthew Barrett since 03-2015

## Quantitative Screens

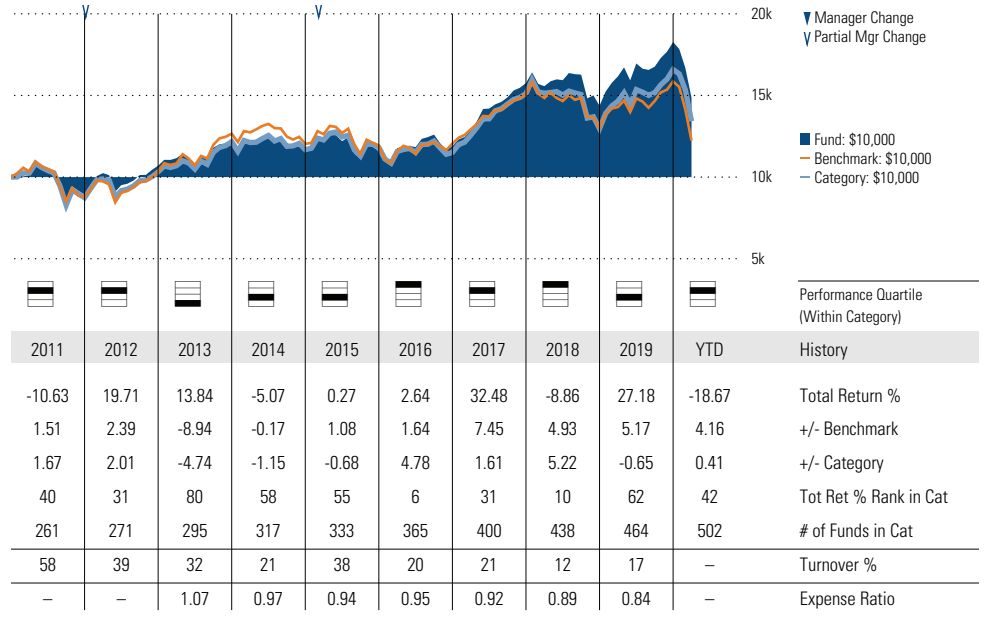
✔ **Performance:** The fund has finished in the Foreign Large Growth category's top three quartiles in 9 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 10.22 years.

✔ **Style:** The fund has landed in its primary style box — Large Growth — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.84 is 23.64% lower than the Foreign Large Growth category average.

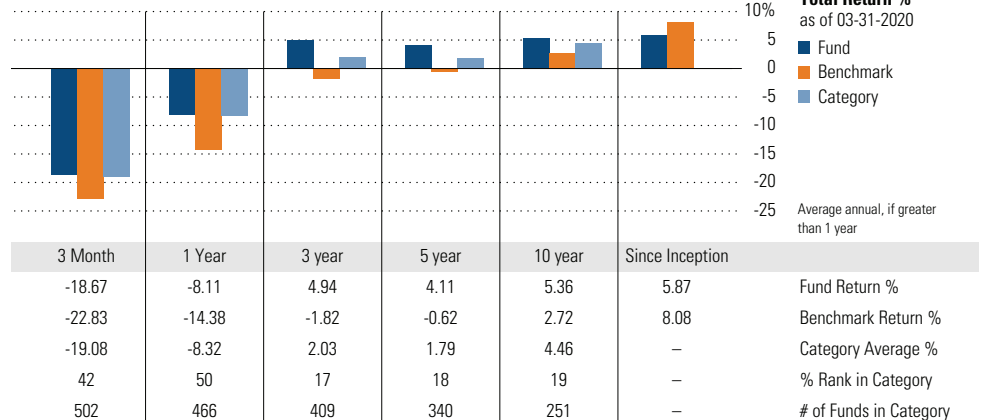
## Growth of \$10,000



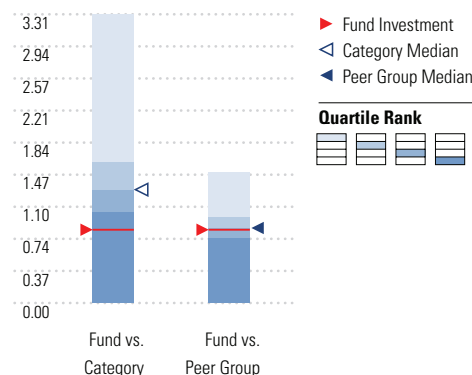
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## Trailing Performance



## Net Expense



## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	6.45	-	3.82
Beta	0.90	-	0.96
R-Squared	92.69	-	-
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## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	21.78	13.90	18.97
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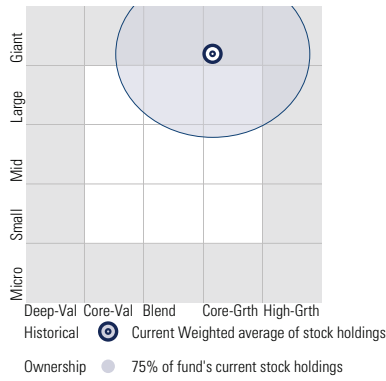
# MFS International Growth R4 MGRVX

**Morningstar Category**  
Foreign Large Growth

**Morningstar Index**  
MSCI EAFE NR USD

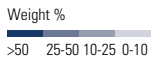
## Style Analysis as of 03-31-2020

Morningstar Style Box™

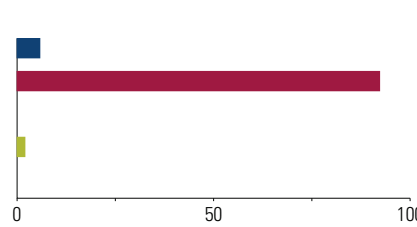


## Style Breakdown

Equity			Large Mid Small
Value	Blend	Growth	
9	48	28	
1	7	7	
0	0	0	



## Asset Allocation as of 03-31-2020

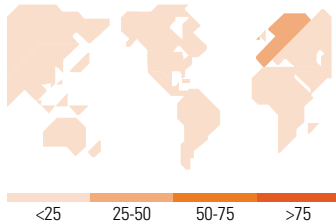


Asset Class	Net %	Cat%
US Stocks	5.78	7.26
Non-US Stocks	92.24	89.93
Bonds	0.00	0.02
Cash	1.98	2.57
Other	0.00	0.21
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2020

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>27.55</b>	<b>35.80</b>	<b>32.98</b>			
Basic Materials	10.67	6.63	4.74			
Consumer Cyclical	8.59	9.50	11.26			
Financial Services	8.29	16.40	16.04			
Real Estate	0.00	3.27	0.94			
<b>Sensitive</b>	<b>33.39</b>	<b>32.78</b>	<b>40.00</b>			
Communication Services	3.50	6.50	7.31			
Energy	0.33	4.22	2.11			
Industrials	15.44	14.15	14.51			
Technology	14.12	7.91	16.07			
<b>Defensive</b>	<b>39.06</b>	<b>31.41</b>	<b>27.03</b>			
Consumer Defensive	21.91	12.64	12.05			
Healthcare	16.84	14.70	13.65			
Utilities	0.31	4.07	1.33			

## World Regions % Equity 03-31-2020



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	27.97	32.33	Americas	13.66	12.99	Greater Europe	58.37	54.68	Developed Markets	90.50
Japan	9.00	13.97	North America	12.09	11.17	United Kingdom	11.29	11.67	Emerging Markets	9.50
Australasia	0.48	1.99	Central/Latin	1.57	1.82	W euro-ex UK	46.01	41.89	Not Available	0.00
Asia-4 Tigers	10.88	6.56				Emrgng Europe	0.31	0.40		
Asia-ex 4 Tigers	7.61	9.81				Africa	0.76	0.72		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 03-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Nestle SA	5.92	5.92	-5.09	Consumer Defensive
Roche Holding AG Dividend Right Cert.	5.69	11.61	2.88	Healthcare
⊖ Taiwan Semiconductor Manufacturing Co Ltd ADR	3.97	15.58	-17.03	Technology
⊕ AIA Group Ltd	3.72	19.30	-14.24	Financial Services
SAP SE	3.70	23.00	-14.56	Technology
LVMH Moet Hennessy Louis Vuitton SE	3.27	26.27	-18.29	Consumer Cyclical
L'Oreal SA	2.91	29.18	-9.51	Consumer Defensive
Novartis AG	2.58	31.75	-9.90	Healthcare
⊕ Danone SA	2.48	34.23	-20.65	Consumer Defensive
Canadian National Railway Co	2.39	36.62	-5.84	Industrials

**Total Holdings 85**

⊕ Increase ⊖ Decrease ✱ New to Portfolio



# MFS Mid Cap Growth R6 OTCKX

**Morningstar Category**  
Mid-Cap Growth

**Morningstar Index**  
Russell Mid Cap Growth TR USD

## Portfolio Manager(s)

Eric Fischman since 11-2008  
Paul Gordon since 05-2011

## Quantitative Screens

✔ **Performance:** The fund has finished in the Mid-Cap Growth category's top three quartiles in 6 of the 6 years it's been in existence.

✔ **Management:** The fund's management has been in place for 11.37 years.

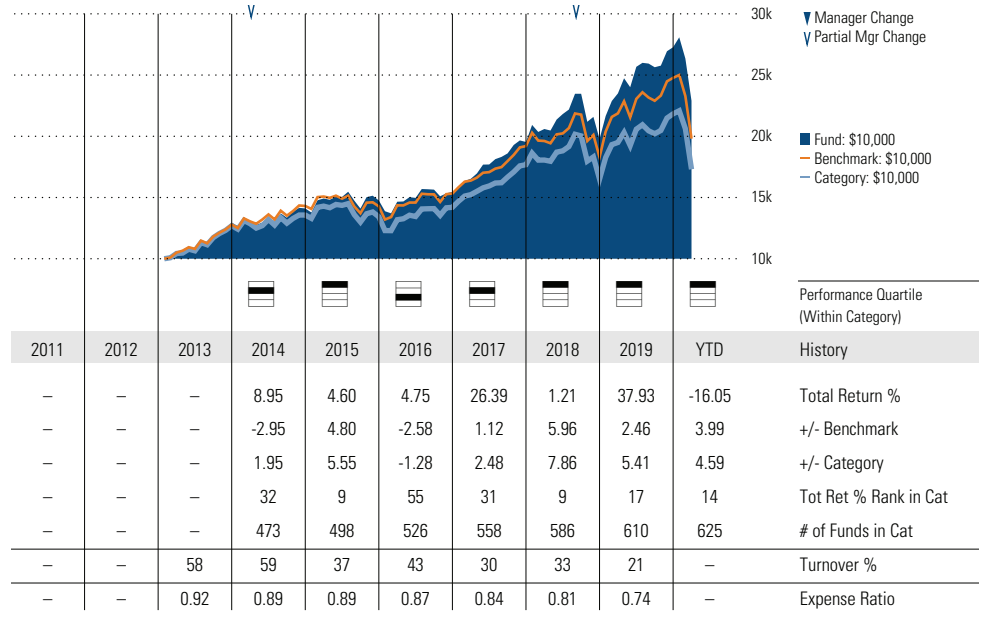
✔ **Style:** The fund has landed in its primary style box — Mid-Cap Growth — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.74 is 35.09% lower than the Mid-Cap Growth category average.

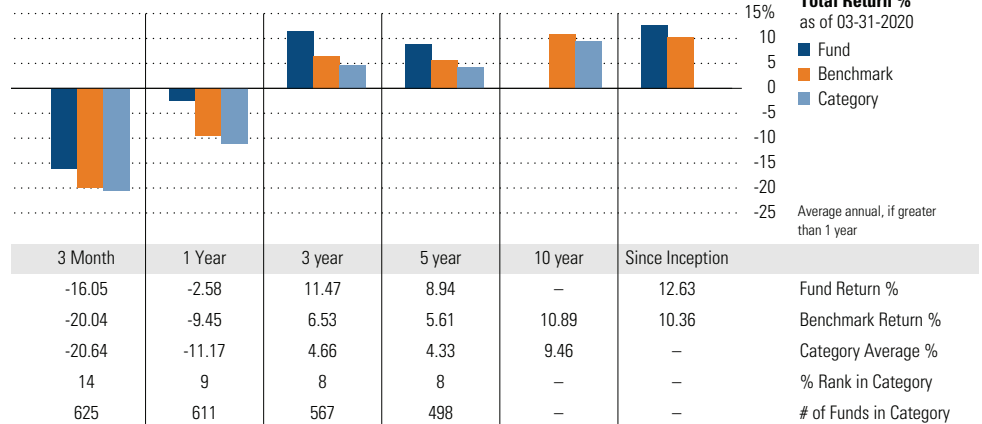
## Morningstar Investment Management LLC Analysis

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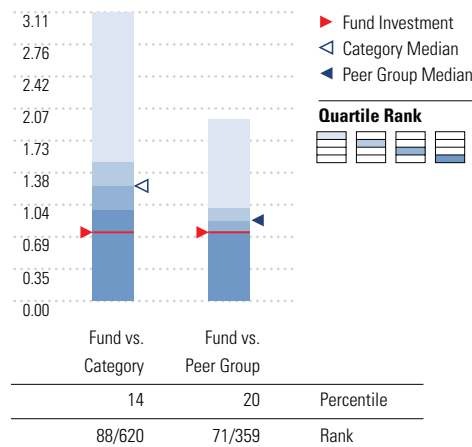
## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	5.09	-	-0.95
Beta	0.91	-	1.01
R-Squared	95.34	-	92.63
Standard Deviation	16.17	17.43	18.29
Sharpe Ratio	0.65	0.35	0.29
Tracking Error	3.86	-	4.92
Information Ratio	1.28	-	-0.34
Up Capture Ratio	103.74	-	97.09
Down Capture Ratio	81.39	-	101.79

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	30.73	22.42	21.57
Price/Book Ratio	4.15	4.46	3.08
Geom Avg Mkt Cap \$B	15.21	13.85	11.45
ROE	19.65	22.30	17.22

# MFS Mid Cap Growth R6 OTCKX

Morningstar Category

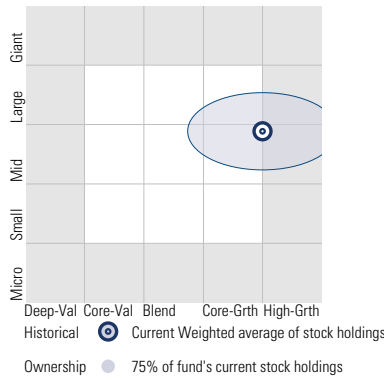
Mid-Cap Growth

Morningstar Index

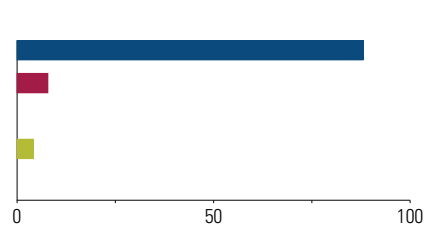
Russell Mid Cap Growth TR USD

## Style Analysis as of 03-31-2020

Morningstar Style Box™



## Asset Allocation as of 03-31-2020

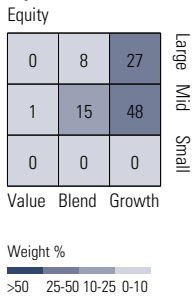


Asset Class	Net %	Cat%
US Stocks	88.04	92.13
Non-US Stocks	7.82	5.05
Bonds	0.00	0.05
Cash	4.13	2.46
Other	0.00	0.33
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2020

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>28.50</b>	<b>22.51</b>	<b>29.48</b>			
Basic Materials	3.03	1.40	2.42			
Consumer Cyclical	12.10	12.86	13.45			
Financial Services	7.62	4.36	9.00			
Real Estate	5.75	3.89	4.61			
<b>Sensitive</b>	<b>53.82</b>	<b>55.25</b>	<b>48.27</b>			
Communication Services	6.50	4.78	4.39			
Energy	0.00	0.73	1.15			
Industrials	20.98	17.54	15.84			
Technology	26.34	32.20	26.89			
<b>Defensive</b>	<b>17.69</b>	<b>22.25</b>	<b>22.25</b>			
Consumer Defensive	0.94	5.51	3.19			
Healthcare	16.75	16.74	18.46			
Utilities	0.00	0.00	0.60			

## Style Breakdown



## Top 15 Holdings as of 03-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Currency Cash Cash_usd	4.13	4.13	-	-
⊕ Global Payments Inc	3.56	7.69	-20.89	Industrials
⊖ Bright Horizons Family Solutions Inc	2.58	10.26	-32.13	Consumer Cyclical
⊕ SBA Communications Corp	2.47	12.74	12.22	Real Estate
⊕ Cadence Design Systems Inc	2.40	15.14	-4.79	Technology
⊕ MSCI Inc	2.35	17.49	12.19	Financial Services
⊕ Verisk Analytics Inc	2.26	19.75	-6.49	Industrials
⊕ PerkinElmer Inc	2.25	22.00	-22.40	Healthcare
⊕ Steris PLC	2.21	24.20	-7.93	Healthcare
⊕ Take-Two Interactive Software Inc	2.19	26.40	-3.12	Communication Svc
⊕ Fidelity National Information Services Inc	2.13	28.53	-12.29	Technology
⊕ Copart Inc	2.09	30.62	-24.65	Industrials
⊕ IHS Markit Ltd	1.91	32.53	-20.15	Industrials
⊕ Roper Technologies Inc	1.89	34.42	-11.83	Industrials
⊕ Nasdaq Inc	1.87	36.29	-10.91	Financial Services

Total Holdings 92

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# MFS Mid Cap Growth R6 OTCKX

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Mid-Cap Growth

**Morningstar Index**  
Russell Mid Cap Growth TR USD

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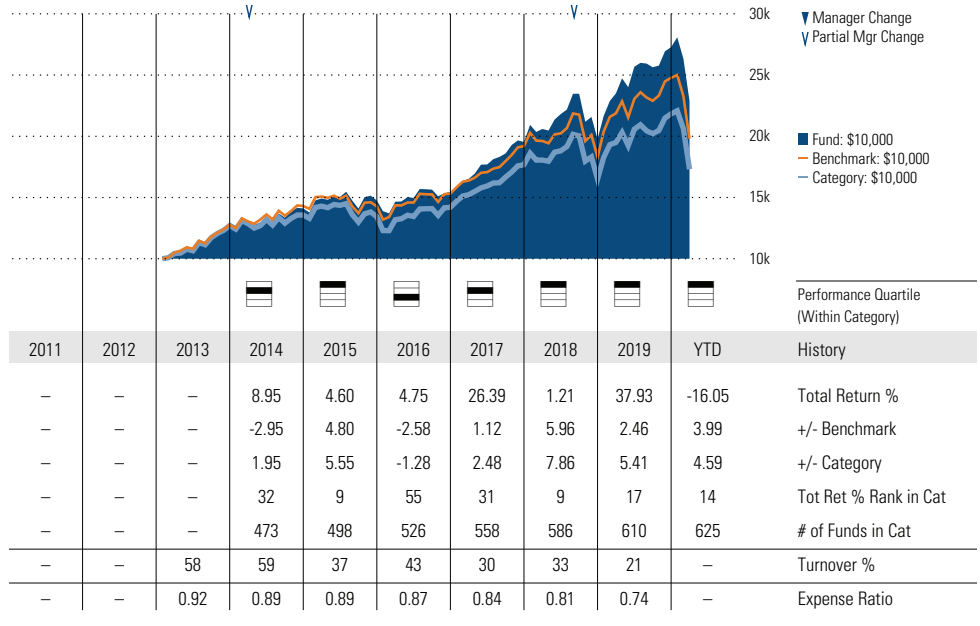
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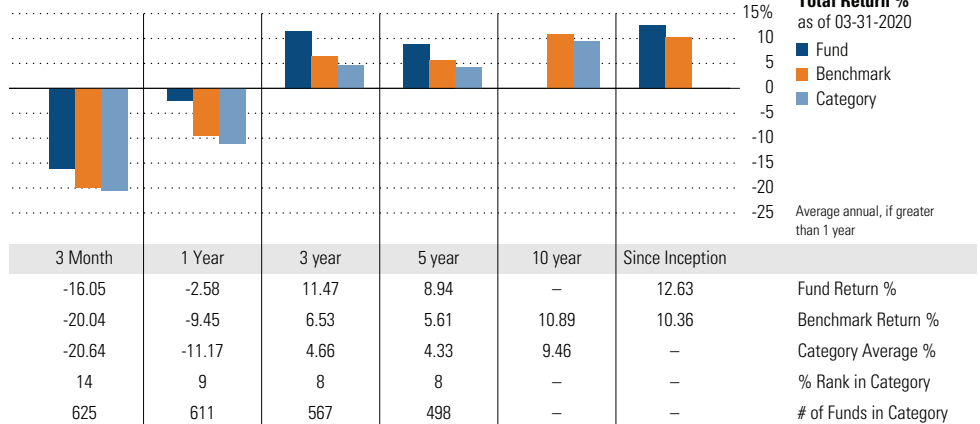
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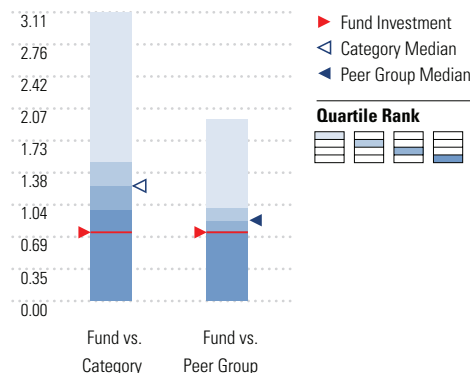
## Growth of \$10,000



## Trailing Performance



## Net Expense



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## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	5.09	-	-0.95
Beta	0.91	-	1.01
R-Squared	95.34	-	92.63
Standard Deviation	16.17	17.43	18.29
Sharpe Ratio	0.65	0.35	0.29
Tracking Error	3.86	-	4.92
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Down Capture Ratio	81.39	-	101.79

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	Fund	Bmark	Cat
Price/Earnings Ratio	30.73	22.42	21.57
Price/Book Ratio	4.15	4.46	3.08
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# MFS Mid Cap Growth R6 OTCKX

Morningstar Category

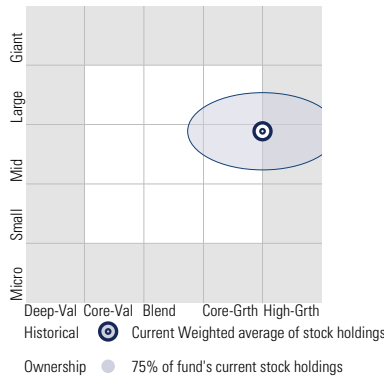
Mid-Cap Growth

Morningstar Index

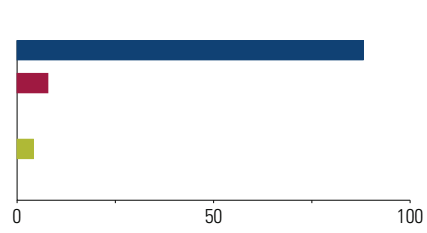
Russell Mid Cap Growth TR USD

## Style Analysis as of 03-31-2020

Morningstar Style Box™



## Asset Allocation as of 03-31-2020

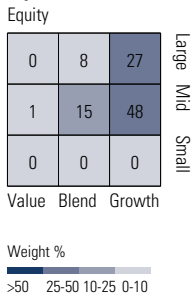


Asset Class	Net %	Cat%
US Stocks	88.04	92.13
Non-US Stocks	7.82	5.05
Bonds	0.00	0.05
Cash	4.13	2.46
Other	0.00	0.33
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2020

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>28.50</b>	<b>22.51</b>	<b>29.48</b>			
Basic Materials	3.03	1.40	2.42			
Consumer Cyclical	12.10	12.86	13.45			
Financial Services	7.62	4.36	9.00			
Real Estate	5.75	3.89	4.61			
<b>Sensitive</b>	<b>53.82</b>	<b>55.25</b>	<b>48.27</b>			
Communication Services	6.50	4.78	4.39			
Energy	0.00	0.73	1.15			
Industrials	20.98	17.54	15.84			
Technology	26.34	32.20	26.89			
<b>Defensive</b>	<b>17.69</b>	<b>22.25</b>	<b>22.25</b>			
Consumer Defensive	0.94	5.51	3.19			
Healthcare	16.75	16.74	18.46			
Utilities	0.00	0.00	0.60			

## Style Breakdown



## Top 15 Holdings as of 03-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Currency Cash Cash_usd	4.13	4.13	-	-
⊕ Global Payments Inc	3.56	7.69	-20.89	Industrials
⊖ Bright Horizons Family Solutions Inc	2.58	10.26	-32.13	Consumer Cyclical
⊕ SBA Communications Corp	2.47	12.74	12.22	Real Estate
⊕ Cadence Design Systems Inc	2.40	15.14	-4.79	Technology
⊕ MSCI Inc	2.35	17.49	12.19	Financial Services
⊕ Verisk Analytics Inc	2.26	19.75	-6.49	Industrials
⊕ PerkinElmer Inc	2.25	22.00	-22.40	Healthcare
⊕ Steris PLC	2.21	24.20	-7.93	Healthcare
⊕ Take-Two Interactive Software Inc	2.19	26.40	-3.12	Communication Svc
⊕ Fidelity National Information Services Inc	2.13	28.53	-12.29	Technology
⊕ Copart Inc	2.09	30.62	-24.65	Industrials
⊕ IHS Markit Ltd	1.91	32.53	-20.15	Industrials
⊕ Roper Technologies Inc	1.89	34.42	-11.83	Industrials
⊕ Nasdaq Inc	1.87	36.29	-10.91	Financial Services

Total Holdings 92

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# PIMCO Commodity Real Return Strat I2 PCRPX

**Morningstar Category**  
Commodities Broad Basket

**Morningstar Index**  
Bloomberg Commodity TR USD

## Portfolio Manager(s)

Nicholas Johnson since 01-2015  
Greg Sharenow since 11-2018  
Stephen Rodosky since 01-2019

## Quantitative Screens

✔ **Performance:** The fund has finished in the Commodities Broad Basket category's top three quartiles in 8 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 5.25 years.

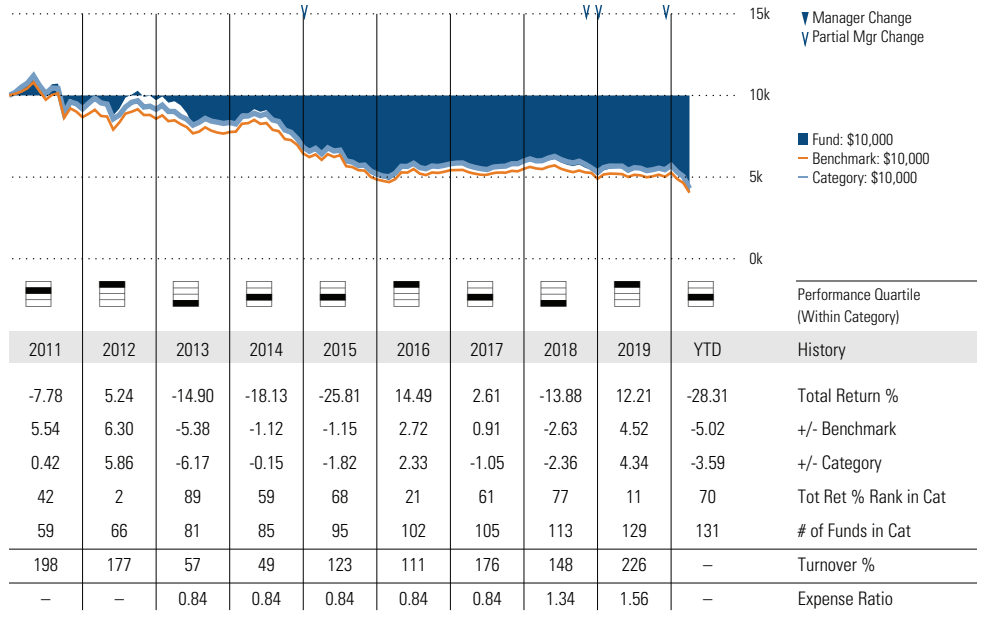
Style Consistency is not calculated for Fixed Income funds.

✘ **Net Expense:** The fund's expense ratio of 1.56 is 34.48% higher than the Commodities Broad Basket category average.

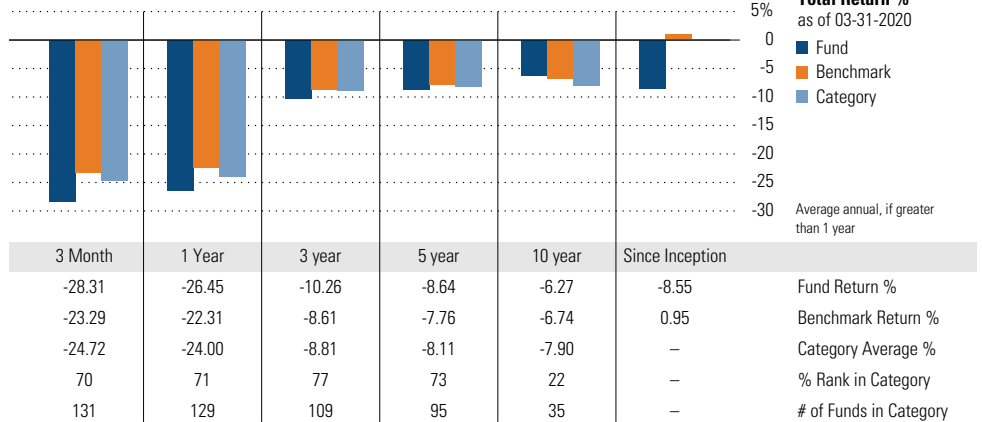
## Morningstar Investment Management LLC Analysis

This fund fails the expense screen. However, that failure is due to a new fee calculation methodology that incorporates costs that are not an additional charge to shareholders. As a result, we do not regard the failure as significant.

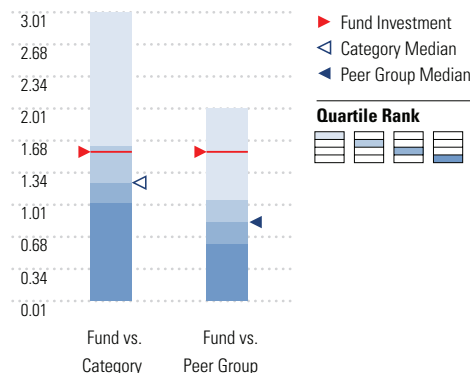
## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.38	-	0.54
Beta	1.22	-	1.12
R-Squared	96.60	-	85.79
Standard Deviation	15.09	12.21	14.82
Sharpe Ratio	-0.75	-0.82	-0.73
Tracking Error	3.83	-	6.03
Information Ratio	-0.43	-	-0.19
Up Capture Ratio	114.72	-	112.96
Down Capture Ratio	116.89	-	111.34

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	12.32	-	8.37
Price/Book Ratio	1.51	-	1.07
Geom Avg Mkt Cap \$B	20.09	-	13.71
ROE	16.78	-	21.43

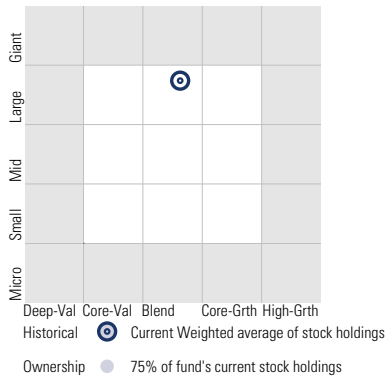
# PIMCO Commodity Real Return Strat I2 PCRPX

**Morningstar Category**  
Commodities Broad Basket

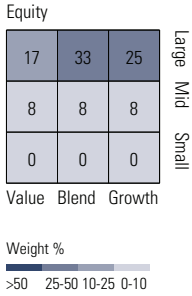
**Morningstar Index**  
Bloomberg Commodity TR USD

## Style Analysis as of 03-31-2020

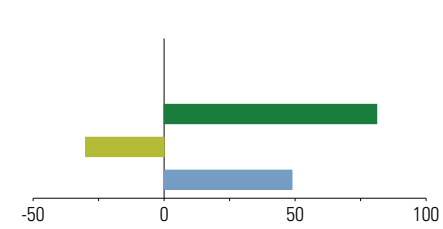
Morningstar Style Box™



## Style Breakdown

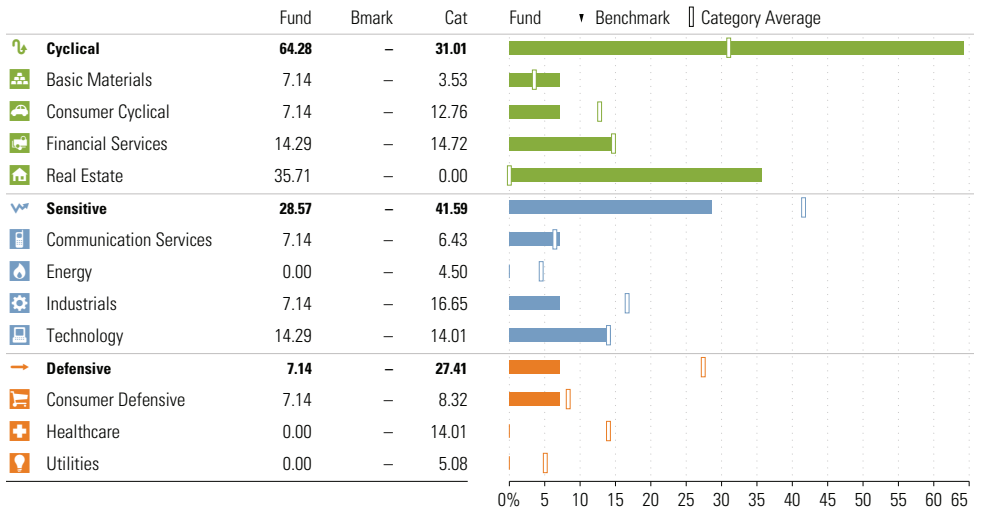


## Asset Allocation as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	0.00	2.73
Non-US Stocks	0.00	1.30
Bonds	81.15	22.39
Cash	-29.94	67.83
Other	48.80	5.75
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2020



## Top 15 Holdings as of 03-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Pimco Cayman Cmnty Fd Ltd Instl	27.77	27.77	-	-
⊕ Fin Fut Euro-Schatz 2yr Eux 03/06/20	20.39	48.16	-	-
⊖ United States Treasury Notes 0.12%	20.17	68.33	-	-
⊖ Offset: Unsettled Trades	16.63	84.96	-	-
✱ CashOffSet	15.01	99.97	-	-
⊕ Federal National Mortgage Association 4%	10.63	110.60	-	-
⊕ Trs R 2.26/912828k33 Myc	10.58	121.18	-	-
⊕ US Treasury Bond Future Mar 20	10.41	131.59	-	-
⊕ United States Treasury Bonds 2.38%	8.73	140.32	-	-
⊕ U S Tips Rev Repo	8.72	149.04	-	-
Irs Usd 2.25000 12/20/17-5y Cme	7.99	157.03	-	-
Irs Usd 2.40000 03/16/21-5y Cme	7.95	164.98	-	-
⊕ Irs Usd 2.25000 12/20/17-5y Cme	7.86	172.84	-	-
⊕ Irs Usd 2.40000 03/16/21-5y Cme	7.72	180.56	-	-
⊕ Fin Fut Eur-Bund 10yr Eux 03/06/20	7.12	187.68	-	-

**Total Holdings 863**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# PIMCO Commodity Real Return Strat I2 PCRPX

**Morningstar Category**  
Commodities Broad Basket

**Morningstar Index**  
Bloomberg Commodity TR USD

## Portfolio Manager(s)

Nicholas Johnson since 01-2015  
Greg Sharenow since 11-2018  
Stephen Rodosky since 01-2019

## Quantitative Screens

✔ **Performance:** The fund has finished in the Commodities Broad Basket category's top three quartiles in 8 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 5.25 years.

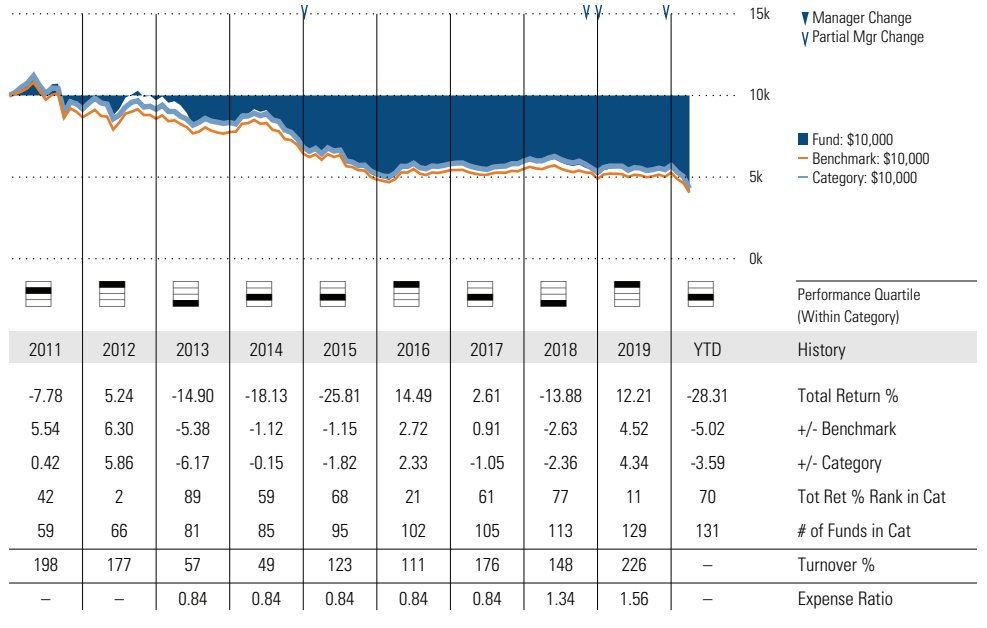
Style Consistency is not calculated for Fixed Income funds.

✘ **Net Expense:** The fund's expense ratio of 1.56 is 34.48% higher than the Commodities Broad Basket category average.

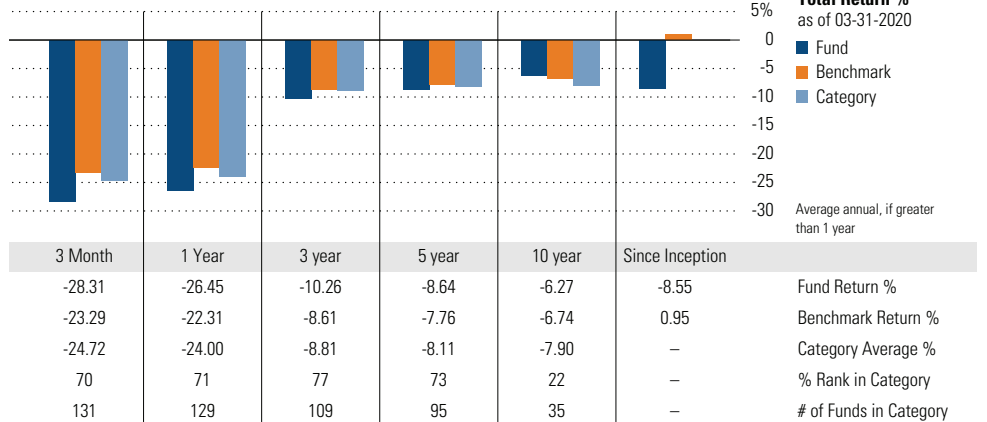
## Morningstar Investment Management LLC Analysis

This fund fails the expense screen. However, that failure is due to a new fee calculation methodology that incorporates costs that are not an additional charge to shareholders. As a result, we do not regard the failure as significant.

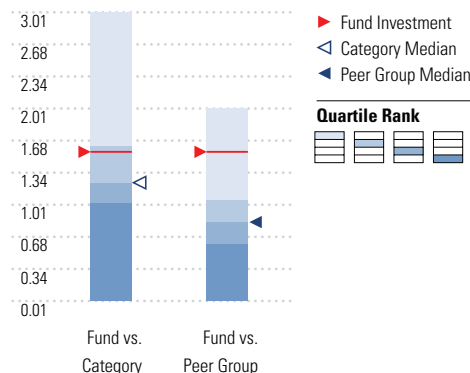
## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.38	-	0.54
Beta	1.22	-	1.12
R-Squared	96.60	-	85.79
Standard Deviation	15.09	12.21	14.82
Sharpe Ratio	-0.75	-0.82	-0.73
Tracking Error	3.83	-	6.03
Information Ratio	-0.43	-	-0.19
Up Capture Ratio	114.72	-	112.96
Down Capture Ratio	116.89	-	111.34

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	12.32	-	8.37
Price/Book Ratio	1.51	-	1.07
Geom Avg Mkt Cap \$B	20.09	-	13.71
ROE	16.78	-	21.43

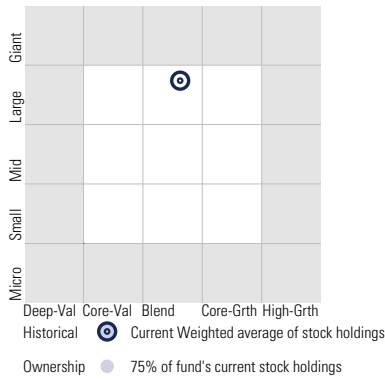
# PIMCO Commodity Real Return Strat I2 PCRPX

**Morningstar Category**  
Commodities Broad Basket

**Morningstar Index**  
Bloomberg Commodity TR USD

## Style Analysis as of 03-31-2020

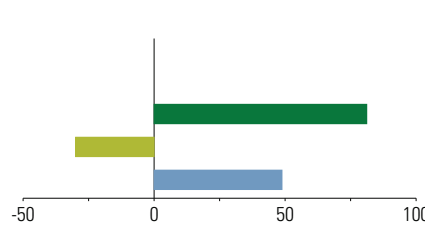
Morningstar Style Box™



## Style Breakdown

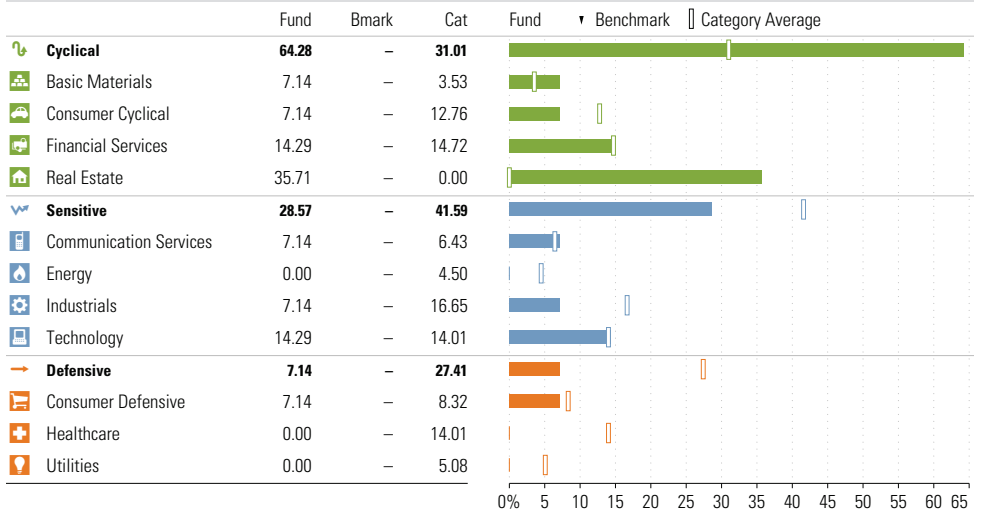


## Asset Allocation as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	0.00	2.73
Non-US Stocks	0.00	1.30
Bonds	81.15	22.39
Cash	-29.94	67.83
Other	48.80	5.75
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2020



## Top 15 Holdings as of 03-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Pimco Cayman Cmndy Fd Ltd Instl	27.77	27.77	-	-
⊕ Fin Fut Euro-Schatz 2yr Eux 03/06/20	20.39	48.16	-	-
⊖ United States Treasury Notes 0.12%	20.17	68.33	-	-
⊖ Offset: Unsettled Trades	16.63	84.96	-	-
✱ CashOffSet	15.01	99.97	-	-
<hr/>				
⊕ Federal National Mortgage Association 4%	10.63	110.60	-	-
⊕ Trs R 2.26/912828k33 Myc	10.58	121.18	-	-
⊕ US Treasury Bond Future Mar 20	10.41	131.59	-	-
⊕ United States Treasury Bonds 2.38%	8.73	140.32	-	-
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<hr/>				
Irs Usd 2.25000 12/20/17-5y Cme	7.99	157.03	-	-
Irs Usd 2.40000 03/16/21-5y Cme	7.95	164.98	-	-
⊕ Irs Usd 2.25000 12/20/17-5y Cme	7.86	172.84	-	-
⊕ Irs Usd 2.40000 03/16/21-5y Cme	7.72	180.56	-	-
⊕ Fin Fut Eur-Bund 10yr Eux 03/06/20	7.12	187.68	-	-

**Total Holdings 863**

⊕ Increase ⊖ Decrease ✱ New to Portfolio



# PIMCO Income I2 PONPX

**Morningstar Category**  
Multisector Bond

**Morningstar Index**  
BBgBarc US Universal TR USD

## Portfolio Manager(s)

Daniel Ivascyn since 03-2007  
Alfred Murata since 03-2013  
Joshua Anderson since 07-2018

## Quantitative Screens

✔ **Performance:** The fund has finished in the Multisector Bond category's top three quartiles in 9 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 13.01 years.

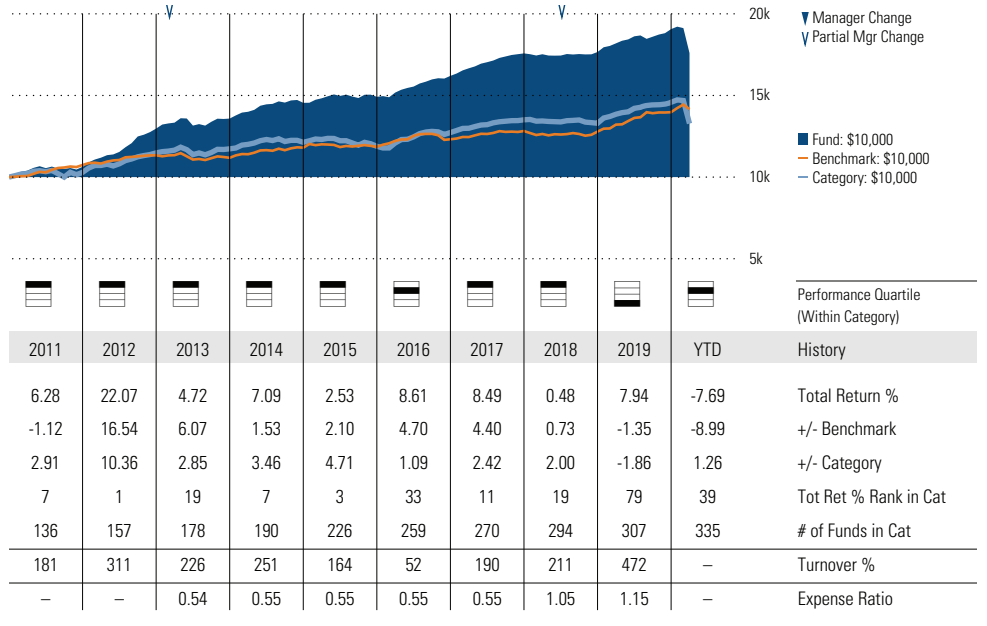
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 1.15 is 7.48% higher than the Multisector Bond category average.

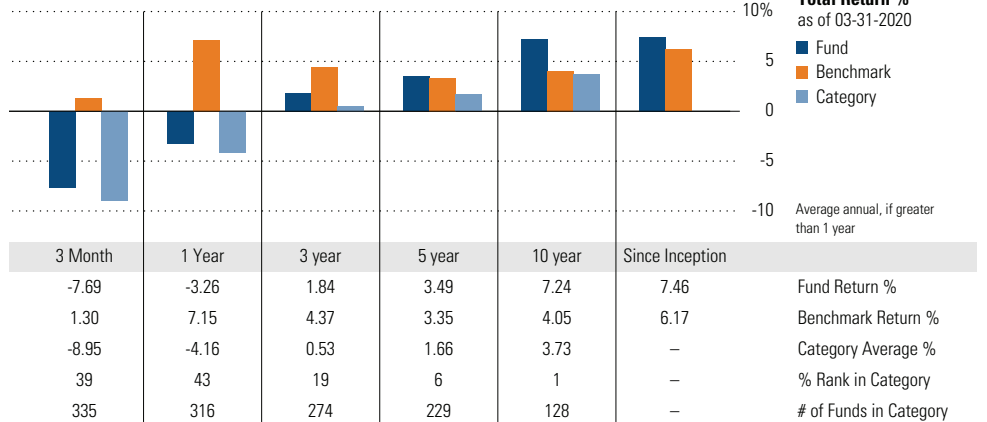
## Morningstar Investment Management LLC Analysis

This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

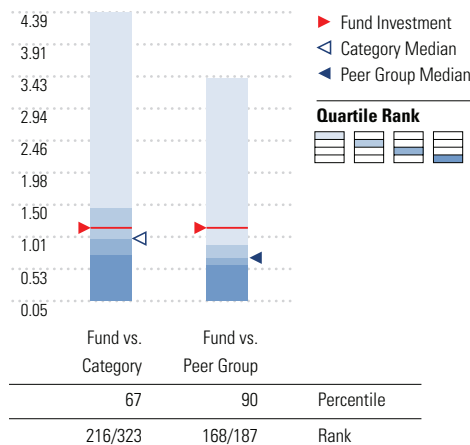
## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-1.48	-	-4.35
Beta	0.79	-	1.16
R-Squared	23.02	-	31.25
Standard Deviation	5.20	3.15	6.96
Sharpe Ratio	0.04	0.84	-0.11
Tracking Error	4.61	-	5.94
Information Ratio	-0.55	-	-0.67
Up Capture Ratio	62.46	-	67.01
Down Capture Ratio	99.28	-	173.96

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	0.91	4.55	4.46
Avg Eff Maturity	2.59	7.69	7.31

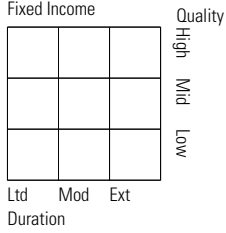
# PIMCO Income I2 PONPX

**Morningstar Category**  
Multisector Bond

**Morningstar Index**  
BBgBarc US Universal TR USD

## Style Analysis as of 03-31-2020

### Style Breakdown



## Asset Allocation as of 03-31-2020

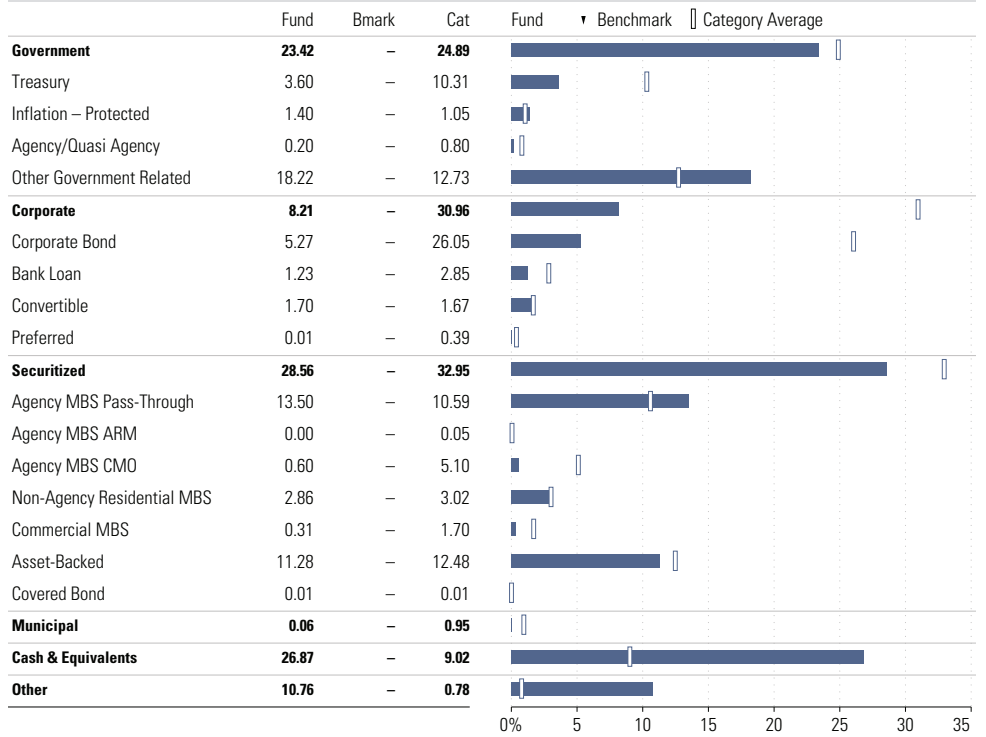


Asset Class	Net %	Cat%
US Stocks	0.71	1.28
Non-US Stocks	0.12	0.53
Bonds	88.14	101.85
Cash	5.60	-4.75
Other	5.43	1.10
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	56.00	67.64	22.70
AA	7.00	3.23	7.45
A	4.00	10.03	10.93
BBB	14.00	10.89	22.04
BB	6.00	3.19	19.28
B	7.00	3.64	11.34
Below B	6.00	1.38	3.07
Not Rated	0.00	0.00	3.19

## Sector Weighting as of 03-31-2020



## Top 10 Holdings as of 03-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
Irs Usd 3.00000 06/19/19-5y Cme	06-2024	13.62	13.62	-
Irs Jpy 0.45000 03/20/19-10y Lch	03-2029	13.31	26.93	-
⊕ Irs Jpy 0.45000 03/20/19-10y Lch	03-2029	12.91	39.84	-
⊕ Irs Usd 3.00000 06/19/19-5y Cme	06-2024	12.90	52.74	-
Irs Eur 0.00000 08/19/19-2y Lch	08-2021	12.27	65.02	-
⊕ Irs Eur 0.00000 08/19/19-2y Lch	08-2021	12.21	77.23	-
⊕ Offset: Unsettled Trades	-	11.19	88.41	-
⊕ 5 Year Treasury Note Future Mar 20	03-2020	9.59	98.00	-
⊕ Federal National Mortgage Association 3%	02-2050	7.98	105.98	-
Cirs Usd 4y Mat 3.85/2.00% M 7/2020 Dub	07-2022	7.50	113.48	-

## Total Holdings 7373

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# PIMCO Income I2 PONPX

**Morningstar Category**  
Multisector Bond

**Morningstar Index**  
BBgBarc US Universal TR USD

## Portfolio Manager(s)

Daniel Ivascyn since 03-2007  
Alfred Murata since 03-2013  
Joshua Anderson since 07-2018

## Quantitative Screens

✔ **Performance:** The fund has finished in the Multisector Bond category's top three quartiles in 9 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 13.01 years.

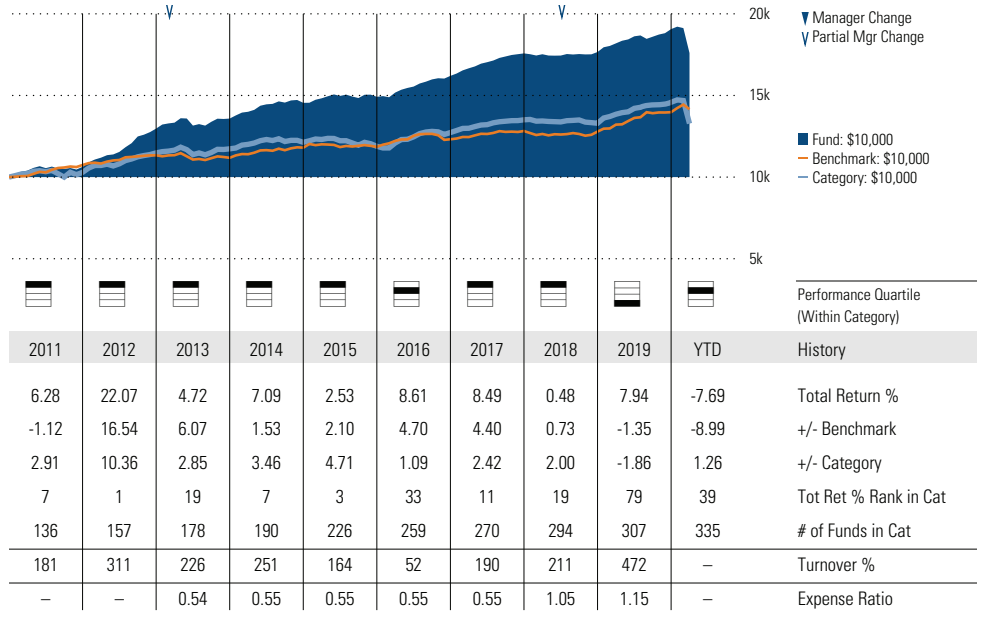
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 1.15 is 7.48% higher than the Multisector Bond category average.

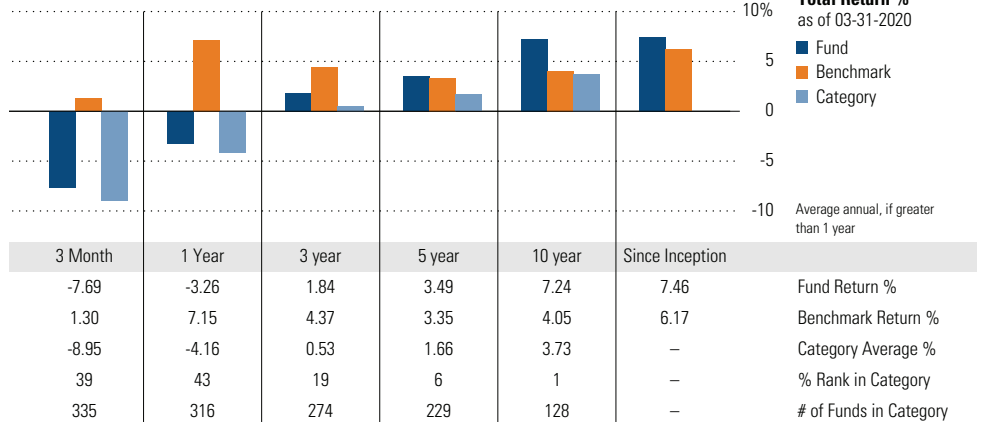
## Morningstar Investment Management LLC Analysis

This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

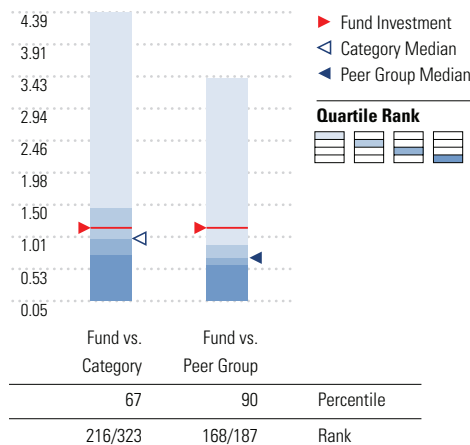
## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-1.48	-	-4.35
Beta	0.79	-	1.16
R-Squared	23.02	-	31.25
Standard Deviation	5.20	3.15	6.96
Sharpe Ratio	0.04	0.84	-0.11
Tracking Error	4.61	-	5.94
Information Ratio	-0.55	-	-0.67
Up Capture Ratio	62.46	-	67.01
Down Capture Ratio	99.28	-	173.96

## Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	0.91	4.55	4.46
Avg Eff Maturity	2.59	7.69	7.31

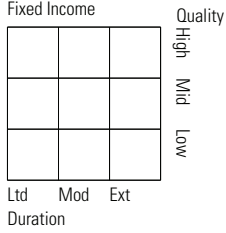
# PIMCO Income I2 PONPX

**Morningstar Category**  
Multisector Bond

**Morningstar Index**  
BBgBarc US Universal TR USD

## Style Analysis as of 03-31-2020

### Style Breakdown



## Asset Allocation as of 03-31-2020

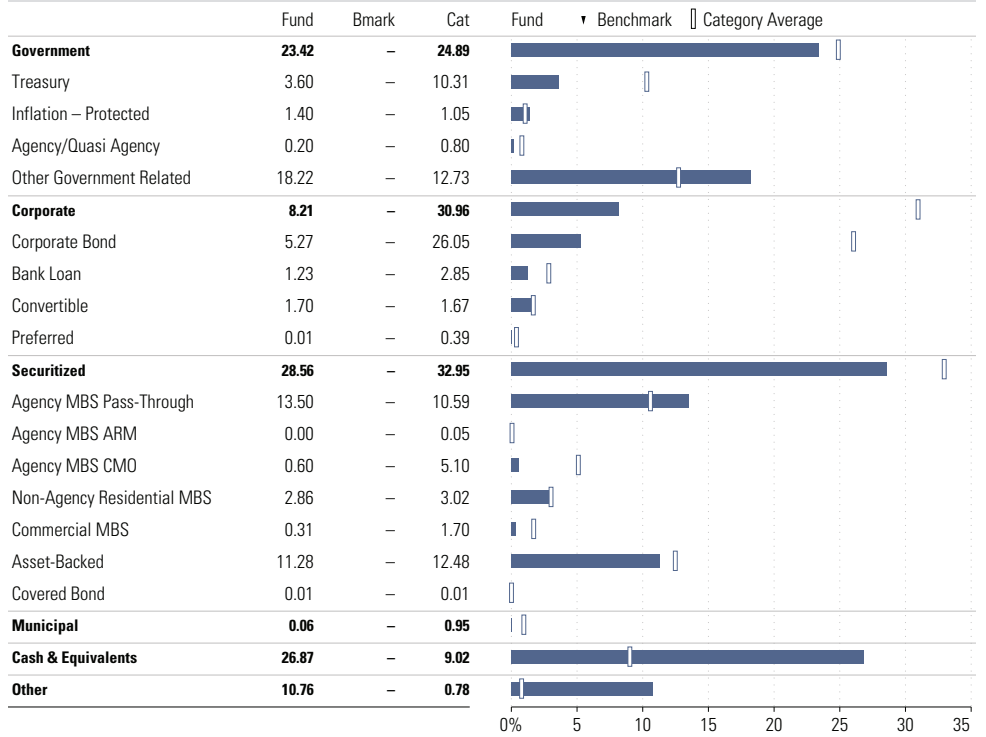


Asset Class	Net %	Cat%
US Stocks	0.71	1.28
Non-US Stocks	0.12	0.53
Bonds	88.14	101.85
Cash	5.60	-4.75
Other	5.43	1.10
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

### Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	56.00	67.64	22.70
AA	7.00	3.23	7.45
A	4.00	10.03	10.93
BBB	14.00	10.89	22.04
BB	6.00	3.19	19.28
B	7.00	3.64	11.34
Below B	6.00	1.38	3.07
Not Rated	0.00	0.00	3.19

## Sector Weighting as of 03-31-2020



## Top 10 Holdings as of 03-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
Irs Usd 3.00000 06/19/19-5y Cme	06-2024	13.62	13.62	-
Irs Jpy 0.45000 03/20/19-10y Lch	03-2029	13.31	26.93	-
⊕ Irs Jpy 0.45000 03/20/19-10y Lch	03-2029	12.91	39.84	-
⊕ Irs Usd 3.00000 06/19/19-5y Cme	06-2024	12.90	52.74	-
Irs Eur 0.00000 08/19/19-2y Lch	08-2021	12.27	65.02	-
⊕ Irs Eur 0.00000 08/19/19-2y Lch	08-2021	12.21	77.23	-
⊕ Offset: Unsettled Trades	-	11.19	88.41	-
⊕ 5 Year Treasury Note Future Mar 20	03-2020	9.59	98.00	-
⊕ Federal National Mortgage Association 3%	02-2050	7.98	105.98	-
Cirs Usd 4y Mat 3.85/2.00% M 7/2020 Dub	07-2022	7.50	113.48	-

### Total Holdings 7373

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# PIMCO International Bond (USD-Hdg) I-2 PFBPX

**Morningstar Category**  
World Bond-USD Hedged

**Morningstar Index**  
BBgBarc US Agg Bond TR USD

## Portfolio Manager(s)

Andrew Balls since 09-2014  
Lorenzo Pagani since 09-2014  
Sachin Gupta since 09-2014

## Quantitative Screens

✔ **Performance:** The fund has finished in the World Bond-USD Hedged category's top three quartiles in 9 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 5.52 years.

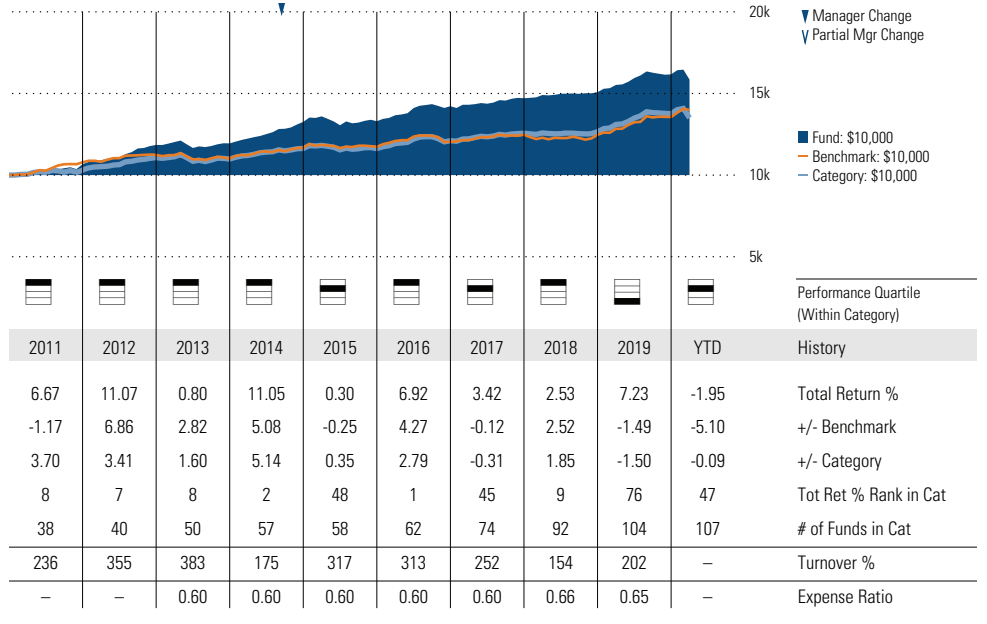
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.65 is 13.33% lower than the World Bond-USD Hedged category average.

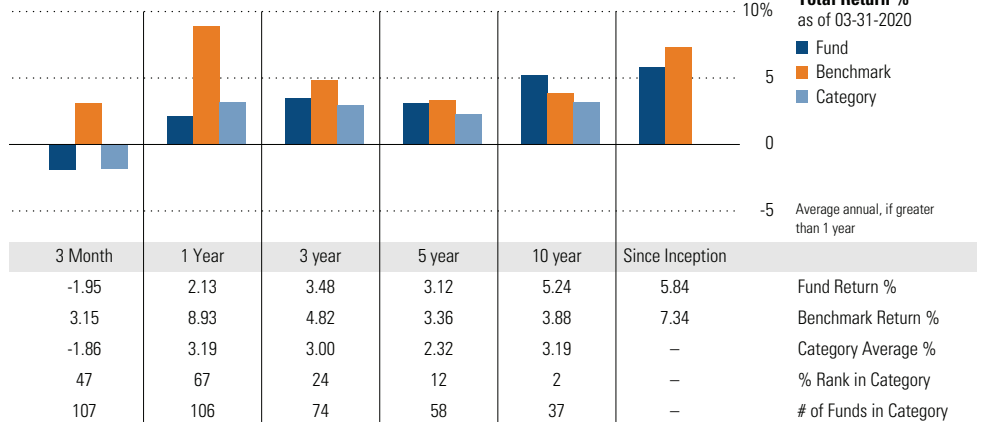
## Morningstar Investment Management LLC Analysis

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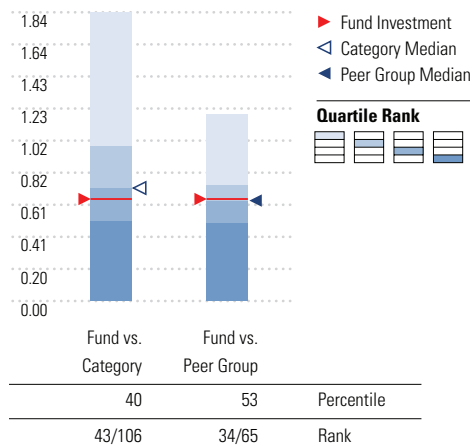
## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	0.85	-	-0.54
Beta	0.55	-	0.74
R-Squared	32.24	-	39.90
Standard Deviation	3.09	3.20	4.01
Sharpe Ratio	0.57	0.96	0.33
Tracking Error	2.93	-	3.38
Information Ratio	-0.46	-	-0.60
Up Capture Ratio	67.14	-	75.75
Down Capture Ratio	55.59	-	106.83

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	7.96	4.43	-
Avg Eff Maturity	9.23	-	-

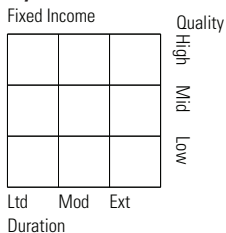
# PIMCO International Bond (USD-Hdg) I-2 PFBPX

**Morningstar Category**  
World Bond-USD Hedged

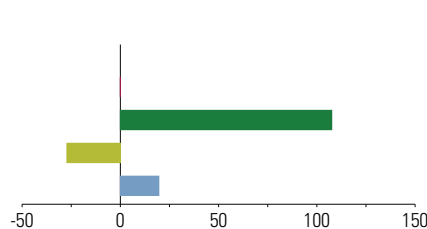
**Morningstar Index**  
BBgBarc US Agg Bond TR USD

## Style Analysis as of 03-31-2020

### Style Breakdown



## Asset Allocation as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	0.00	-
Non-US Stocks	0.03	-
Bonds	107.57	-
Cash	-27.20	-
Other	19.59	-
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	41.00	3.53	-
AA	24.00	74.59	-
A	8.00	10.82	-
BBB	20.00	8.32	-
BB	3.00	0.28	-
B	1.00	0.00	-
Below B	3.00	0.00	-
Not Rated	0.00	2.46	-

## Sector Weighting as of 03-31-2020

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Government</b>	<b>34.33</b>	-	-			
Treasury	10.22	-	-			
Inflation – Protected	1.15	-	-			
Agency/Quasi Agency	2.18	-	-			
Other Government Related	20.78	-	-			
<b>Corporate</b>	<b>5.99</b>	-	-			
Corporate Bond	4.55	-	-			
Bank Loan	0.17	-	-			
Convertible	1.27	-	-			
Preferred	0.00	-	-			
<b>Securitized</b>	<b>13.21</b>	-	-			
Agency MBS Pass-Through	8.21	-	-			
Agency MBS ARM	0.00	-	-			
Agency MBS CMO	0.04	-	-			
Non-Agency Residential MBS	0.57	-	-			
Commercial MBS	0.03	-	-			
Asset-Backed	2.44	-	-			
Covered Bond	1.92	-	-			
<b>Municipal</b>	<b>0.03</b>	-	-			
<b>Cash &amp; Equivalents</b>	<b>28.14</b>	-	-			
<b>Other</b>	<b>17.19</b>	-	-			

## Top 10 Holdings as of 03-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
Irs Usd R 3ml/1ml+9.125 03/18/21-22 Cme	03-2022	25.63	25.63	-
⊕ Irs Usd R 3ml/1ml+9.125 03/18/21-22 Cme	03-2022	25.63	51.26	-
⊕ Offset: Unsettled Trades	-	24.23	75.49	-
⊕ EUR - USD_Pay	01-2020	18.54	94.03	-
⊕ EUR - USD_Receive	01-2020	17.91	111.94	-
⊕ JAPANESE YEN_Pay	01-2020	14.24	126.18	-
⊕ JAPANESE YEN_Receive	01-2020	14.23	140.41	-
⊕ Federal National Mortgage Association 4%	01-2050	11.06	151.47	-
⊕ Irs Eur -0.50000 03/18/20-5y Lch	03-2025	10.95	162.42	-
⊖ Irs Eur -0.50000 03/18/20-5y Lch	03-2025	10.72	173.14	-

**Total Holdings 1706**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# PIMCO International Bond (USD-Hdg) I-2 PFBPX

**Morningstar Category**  
World Bond-USD Hedged

**Morningstar Index**  
BBgBarc US Agg Bond TR USD

## Portfolio Manager(s)

Andrew Balls since 09-2014  
Lorenzo Pagani since 09-2014  
Sachin Gupta since 09-2014

## Quantitative Screens

✔ **Performance:** The fund has finished in the World Bond-USD Hedged category's top three quartiles in 9 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 5.52 years.

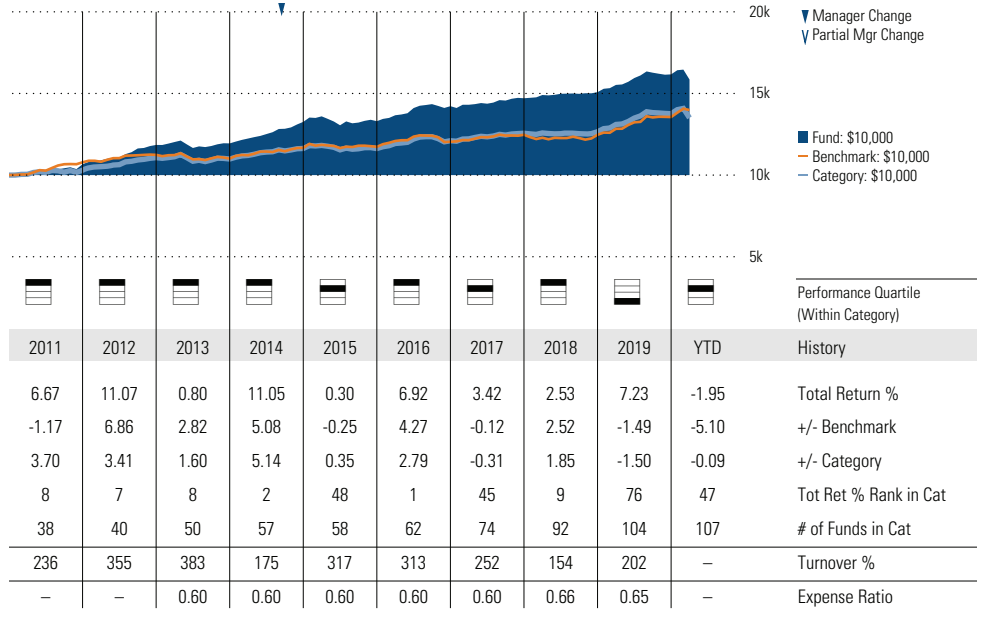
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.65 is 13.33% lower than the World Bond-USD Hedged category average.

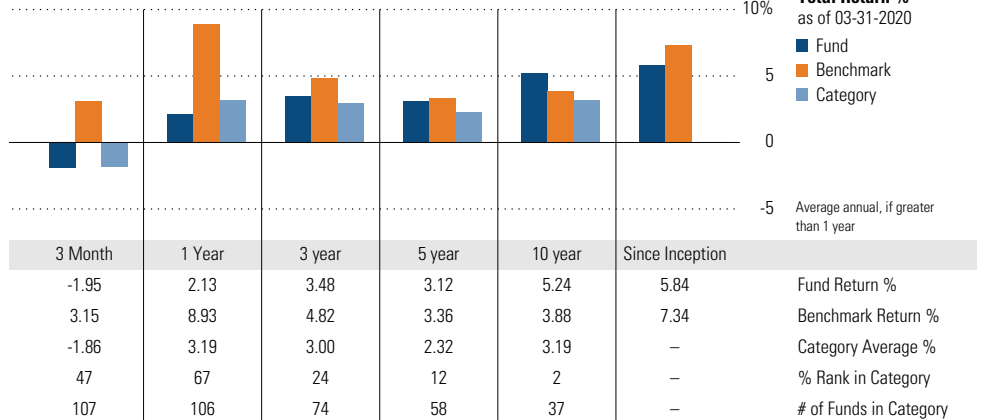
## Morningstar Investment Management LLC Analysis

This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

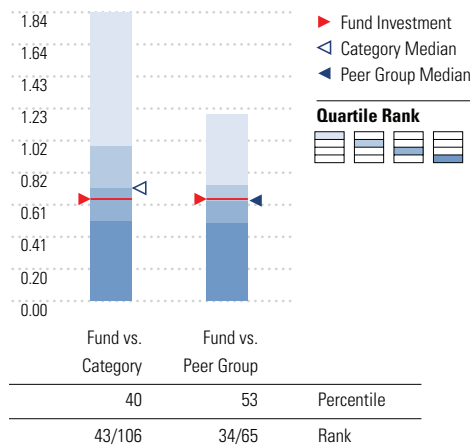
## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	0.85	-	-0.54
Beta	0.55	-	0.74
R-Squared	32.24	-	39.90
Standard Deviation	3.09	3.20	4.01
Sharpe Ratio	0.57	0.96	0.33
Tracking Error	2.93	-	3.38
Information Ratio	-0.46	-	-0.60
Up Capture Ratio	67.14	-	75.75
Down Capture Ratio	55.59	-	106.83

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	7.96	4.43	-
Avg Eff Maturity	9.23	-	-

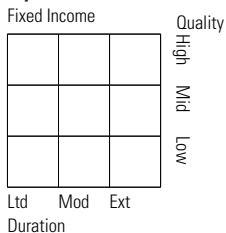
# PIMCO International Bond (USD-Hdg) I-2 PFBPX

**Morningstar Category**  
World Bond-USD Hedged

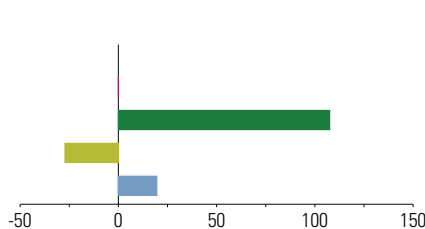
**Morningstar Index**  
BBgBarc US Agg Bond TR USD

## Style Analysis as of 03-31-2020

### Style Breakdown



## Asset Allocation as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	0.00	-
Non-US Stocks	0.03	-
Bonds	107.57	-
Cash	-27.20	-
Other	19.59	-
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	41.00	3.53	-
AA	24.00	74.59	-
A	8.00	10.82	-
BBB	20.00	8.32	-
BB	3.00	0.28	-
B	1.00	0.00	-
Below B	3.00	0.00	-
Not Rated	0.00	2.46	-

## Sector Weighting as of 03-31-2020

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Government</b>	<b>34.33</b>	-	-			
Treasury	10.22	-	-			
Inflation – Protected	1.15	-	-			
Agency/Quasi Agency	2.18	-	-			
Other Government Related	20.78	-	-			
<b>Corporate</b>	<b>5.99</b>	-	-			
Corporate Bond	4.55	-	-			
Bank Loan	0.17	-	-			
Convertible	1.27	-	-			
Preferred	0.00	-	-			
<b>Securitized</b>	<b>13.21</b>	-	-			
Agency MBS Pass-Through	8.21	-	-			
Agency MBS ARM	0.00	-	-			
Agency MBS CMO	0.04	-	-			
Non-Agency Residential MBS	0.57	-	-			
Commercial MBS	0.03	-	-			
Asset-Backed	2.44	-	-			
Covered Bond	1.92	-	-			
<b>Municipal</b>	<b>0.03</b>	-	-			
<b>Cash &amp; Equivalents</b>	<b>28.14</b>	-	-			
<b>Other</b>	<b>17.19</b>	-	-			

## Top 10 Holdings as of 03-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
Irs Usd R 3ml/1ml+9.125 03/18/21-22 Cme	03-2022	25.63	25.63	-
⊕ Irs Usd R 3ml/1ml+9.125 03/18/21-22 Cme	03-2022	25.63	51.26	-
⊕ Offset: Unsettled Trades	-	24.23	75.49	-
⊕ EUR - USD_Pay	01-2020	18.54	94.03	-
⊕ EUR - USD_Receive	01-2020	17.91	111.94	-
⊕ JAPANESE YEN_Pay	01-2020	14.24	126.18	-
⊕ JAPANESE YEN_Receive	01-2020	14.23	140.41	-
⊕ Federal National Mortgage Association 4%	01-2050	11.06	151.47	-
⊕ Irs Eur -0.50000 03/18/20-5y Lch	03-2025	10.95	162.42	-
⊖ Irs Eur -0.50000 03/18/20-5y Lch	03-2025	10.72	173.14	-

**Total Holdings 1706**

⊕ Increase ⊖ Decrease ✱ New to Portfolio



# T. Rowe Price Dividend Growth PRDGX

Morningstar Category  
Large Blend

Morningstar Index  
S&P 500 TR USD

## Portfolio Manager(s)

Thomas Huber since 03-2000

## Quantitative Screens

**Performance:** The fund has finished in the Large Blend category's top three quartiles in 10 of the 10 years it's been in existence.

**Management:** The fund's management has been in place for 20.01 years.

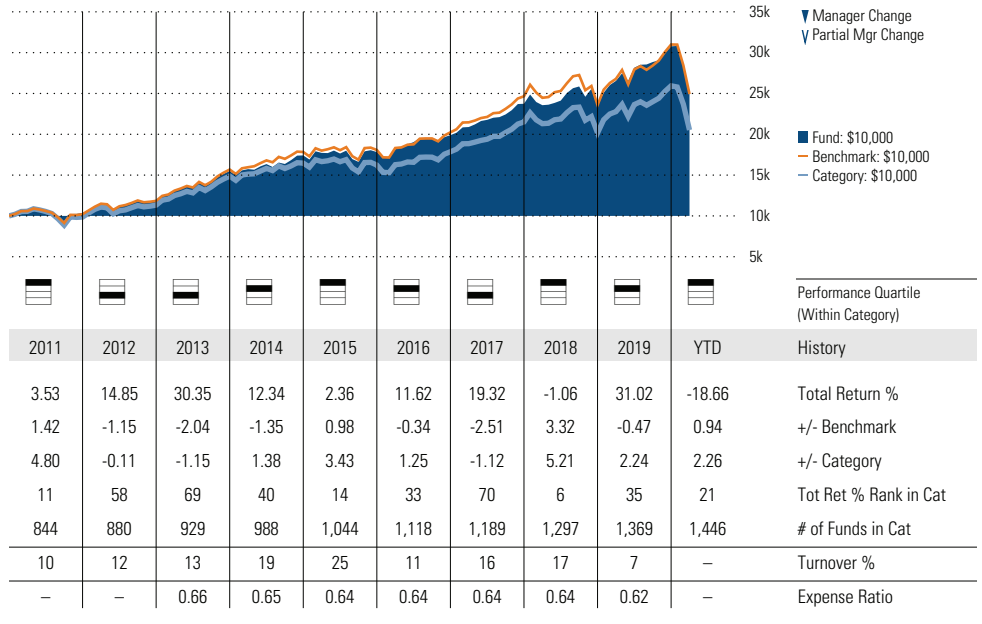
**Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

**Net Expense:** The fund's expense ratio of 0.62 is 28.74% lower than the Large Blend category average.

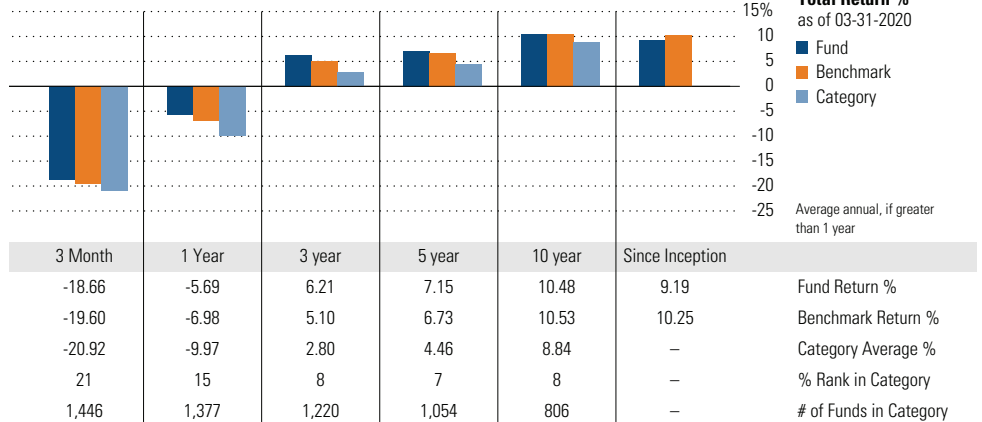
## Morningstar Investment Management LLC Analysis

This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

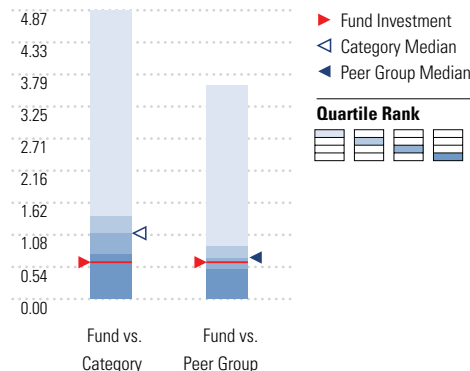
## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	1.62	-	-2.23
Beta	0.87	-	0.99
R-Squared	95.78	-	94.99
Standard Deviation	13.48	15.21	15.38
Sharpe Ratio	0.39	0.29	0.14
Tracking Error	3.43	-	3.28
Information Ratio	0.32	-	-1.19
Up Capture Ratio	89.84	-	90.76
Down Capture Ratio	81.61	-	101.53

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	18.91	17.90	16.40
Price/Book Ratio	3.01	2.67	2.71
Geom Avg Mkt Cap \$B	86.59	111.51	146.57
ROE	26.11	27.15	28.57

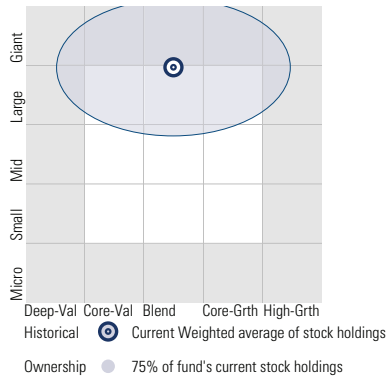
# T. Rowe Price Dividend Growth PRDGX

Morningstar Category  
Large Blend

Morningstar Index  
S&P 500 TR USD

## Style Analysis as of 03-31-2020

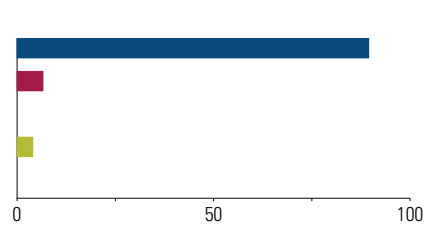
Morningstar Style Box™



## Style Breakdown

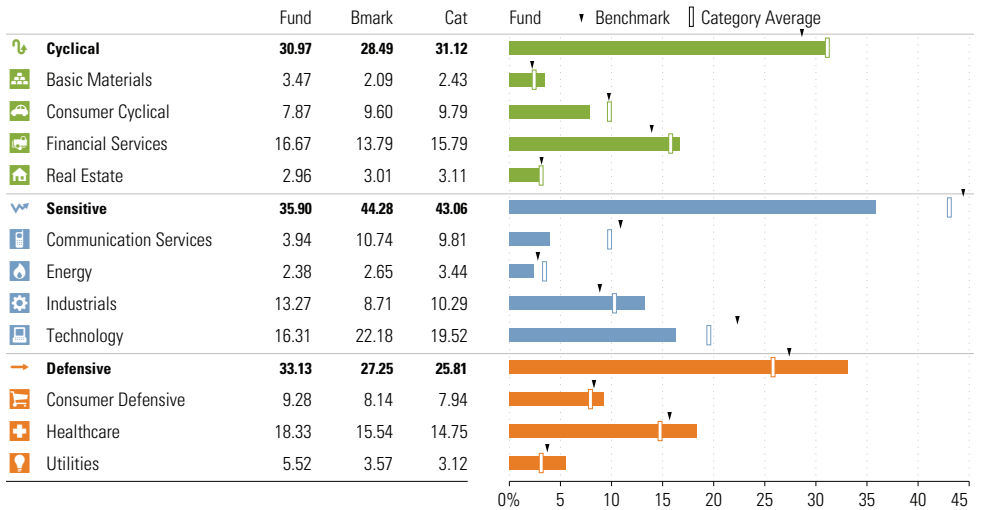


## Asset Allocation as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	89.46	94.75
Non-US Stocks	6.56	2.90
Bonds	0.00	2.83
Cash	3.98	-1.34
Other	0.00	0.86
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2020



## Top 15 Holdings as of 03-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Microsoft Corp	5.22	5.22	0.33	Technology
⊖ T. Rowe Price Gov. Reserve	3.98	9.20	-	-
⊕ Apple Inc	3.30	12.50	-13.14	Technology
⊕ Visa Inc Class A	3.03	15.53	-14.09	Financial Services
⊕ JPMorgan Chase & Co	2.60	18.13	-34.77	Financial Services
⊕ Danaher Corp	2.35	20.48	-9.70	Healthcare
⊕ UnitedHealth Group Inc	2.00	22.48	-14.80	Healthcare
⊕ Thermo Fisher Scientific Inc	1.90	24.38	-12.64	Healthcare
⊕ Becton, Dickinson and Co	1.88	26.26	-15.23	Healthcare
⊕ Accenture PLC Class A	1.62	27.87	-22.09	Technology
⊕ Pfizer Inc	1.60	29.48	-15.72	Healthcare
⊕ PepsiCo Inc	1.55	31.03	-11.43	Consumer Defensive
⊕ Dollar General Corp	1.53	32.56	-2.98	Consumer Defensive
⊕ Roper Technologies Inc	1.53	34.08	-11.83	Industrials
⊕ NextEra Energy Inc	1.52	35.60	-0.06	Utilities

Total Holdings 107

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# T. Rowe Price Dividend Growth PRDGX

Morningstar Category  
Large Blend

Morningstar Index  
S&P 500 TR USD

## Portfolio Manager(s)

Thomas Huber since 03-2000

## Quantitative Screens

**Performance:** The fund has finished in the Large Blend category's top three quartiles in 10 of the 10 years it's been in existence.

**Management:** The fund's management has been in place for 20.01 years.

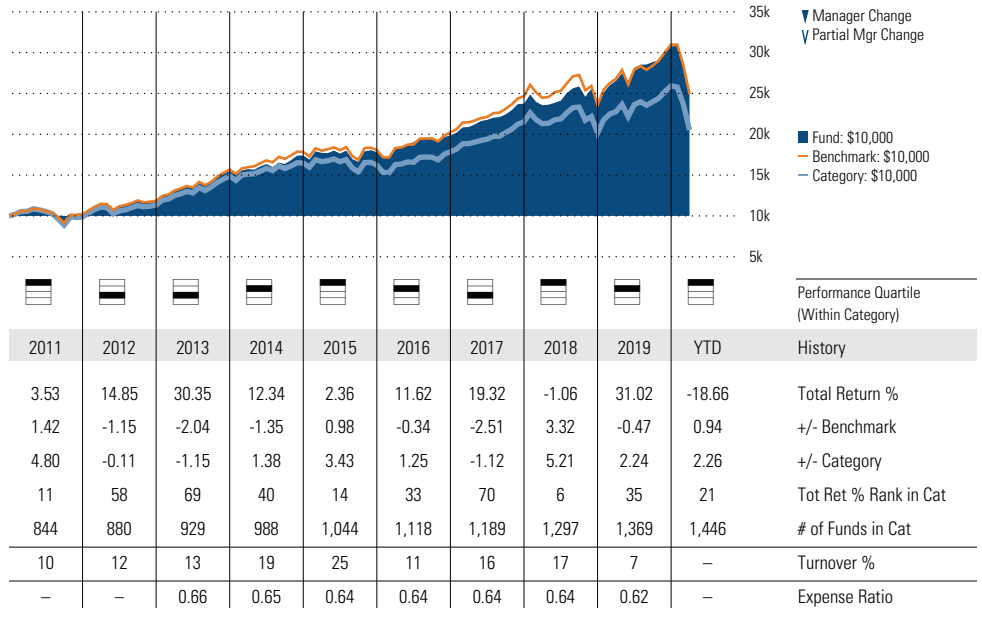
**Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

**Net Expense:** The fund's expense ratio of 0.62 is 28.74% lower than the Large Blend category average.

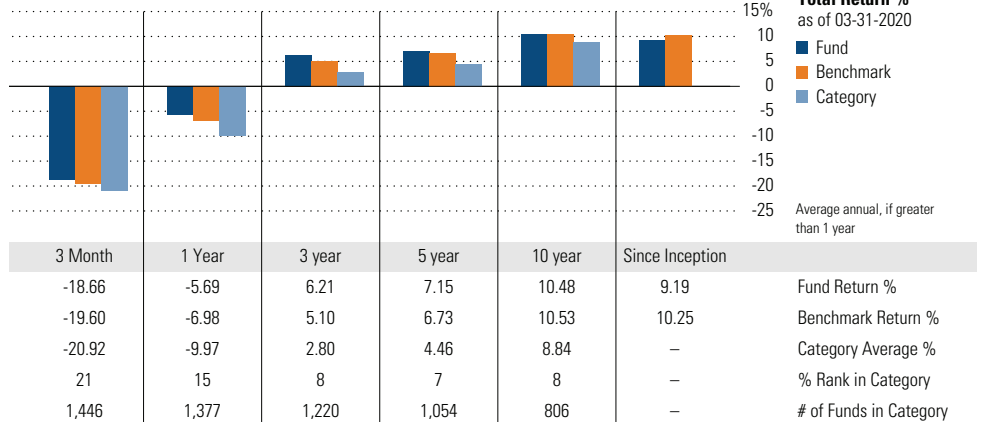
## Morningstar Investment Management LLC Analysis

This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

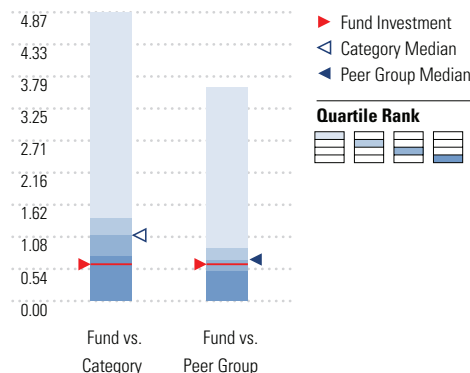
## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	1.62	-	-2.23
Beta	0.87	-	0.99
R-Squared	95.78	-	94.99
Standard Deviation	13.48	15.21	15.38
Sharpe Ratio	0.39	0.29	0.14
Tracking Error	3.43	-	3.28
Information Ratio	0.32	-	-1.19
Up Capture Ratio	89.84	-	90.76
Down Capture Ratio	81.61	-	101.53

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	18.91	17.90	16.40
Price/Book Ratio	3.01	2.67	2.71
Geom Avg Mkt Cap \$B	86.59	111.51	146.57
ROE	26.11	27.15	28.57

# T. Rowe Price Dividend Growth PRDGX

Morningstar Category  
Large Blend

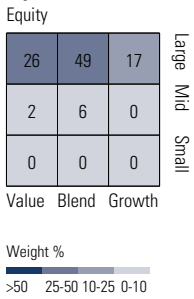
Morningstar Index  
S&P 500 TR USD

## Style Analysis as of 03-31-2020

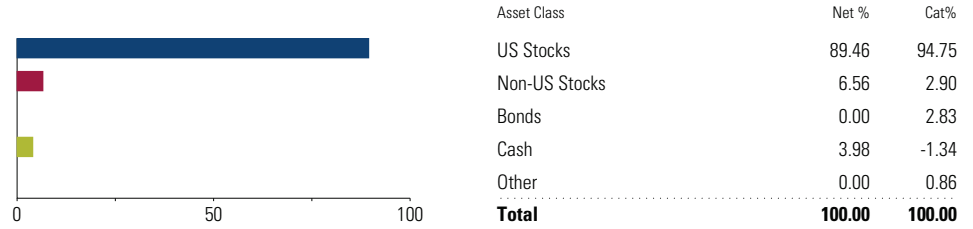
Morningstar Style Box™



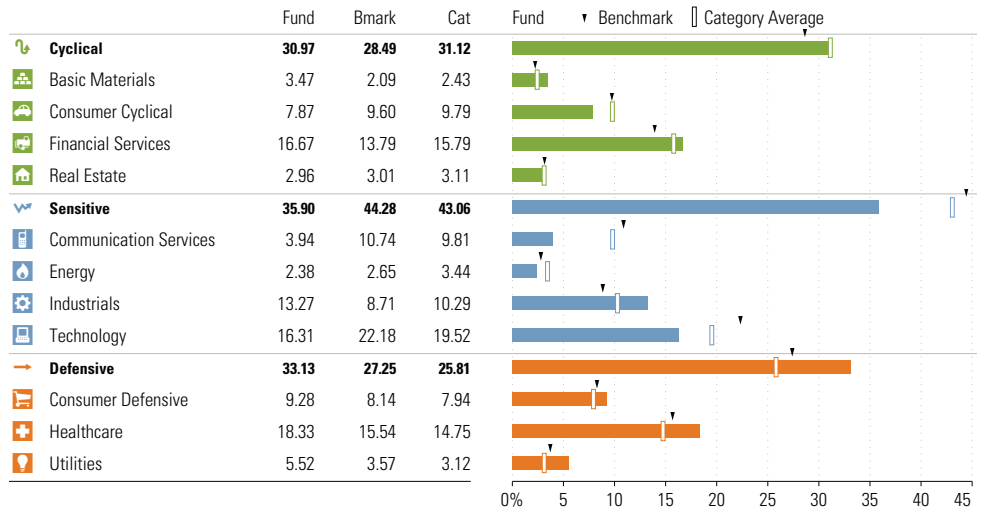
## Style Breakdown



## Asset Allocation as of 03-31-2020



## Sector Weighting as of 03-31-2020



## Top 15 Holdings as of 03-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Microsoft Corp	5.22	5.22	0.33	Technology
⊖ T. Rowe Price Gov. Reserve	3.98	9.20	-	-
⊕ Apple Inc	3.30	12.50	-13.14	Technology
⊕ Visa Inc Class A	3.03	15.53	-14.09	Financial Services
⊕ JPMorgan Chase & Co	2.60	18.13	-34.77	Financial Services
⊕ Danaher Corp	2.35	20.48	-9.70	Healthcare
⊕ UnitedHealth Group Inc	2.00	22.48	-14.80	Healthcare
⊕ Thermo Fisher Scientific Inc	1.90	24.38	-12.64	Healthcare
⊕ Becton, Dickinson and Co	1.88	26.26	-15.23	Healthcare
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⊕ Pfizer Inc	1.60	29.48	-15.72	Healthcare
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⊕ Dollar General Corp	1.53	32.56	-2.98	Consumer Defensive
⊕ Roper Technologies Inc	1.53	34.08	-11.83	Industrials
⊕ NextEra Energy Inc	1.52	35.60	-0.06	Utilities

Total Holdings 107

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard 500 Index Admiral VFIAX

**Morningstar Category**  
Large Blend

**Morningstar Index**  
S&P 500 TR USD

## Portfolio Manager(s)

Donald Butler since 04-2016

Michelle Louie since 11-2017

## Quantitative Screens

✔ **Performance:** The fund has finished in the Large Blend category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 3.93 years.

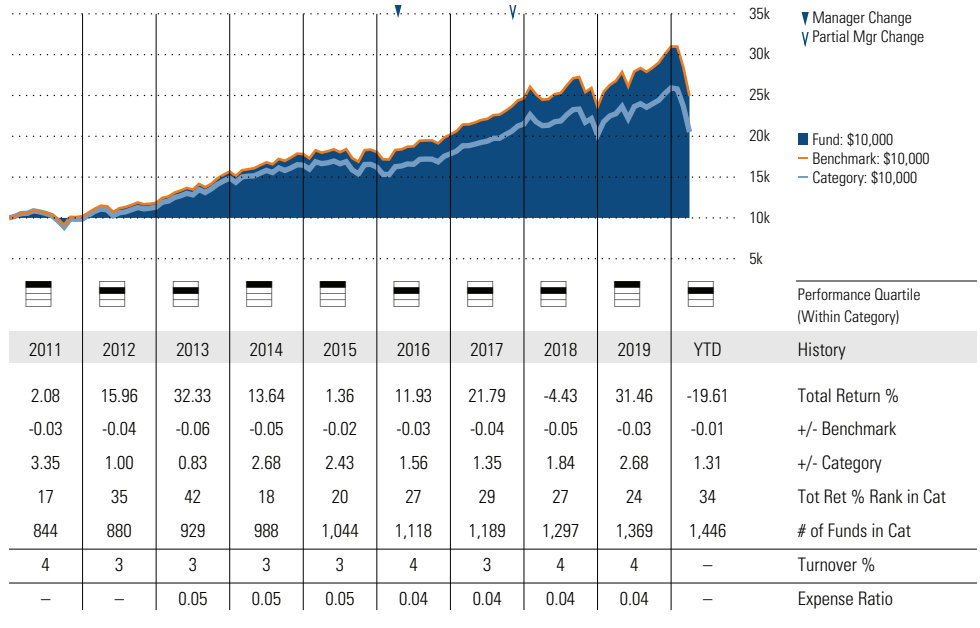
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.04 is 95.4% lower than the Large Blend category average.

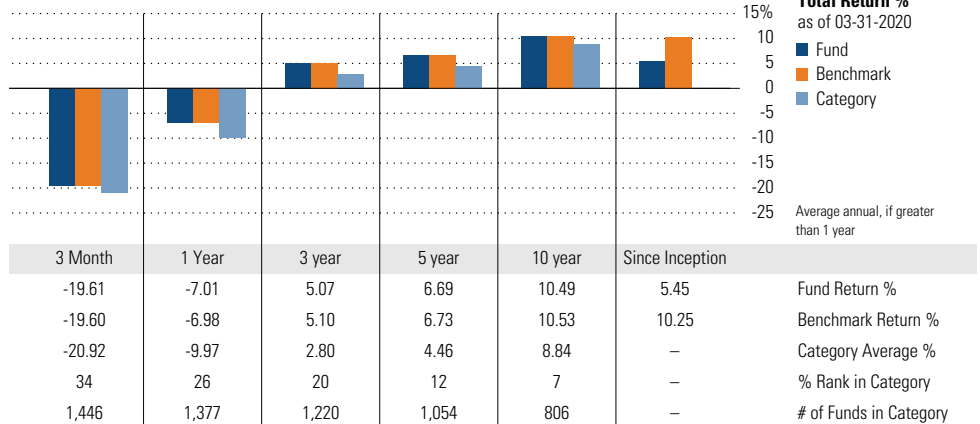
## Morningstar Investment Management LLC Analysis

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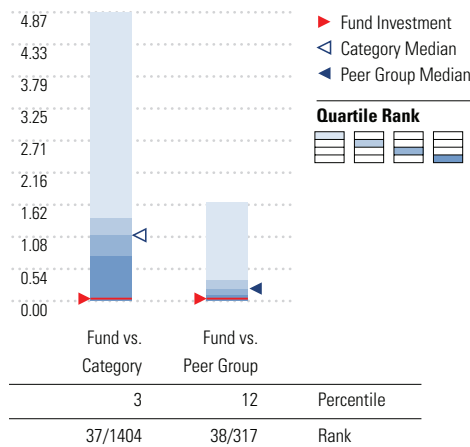
## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.04	-	-2.23
Beta	1.00	-	0.99
R-Squared	100.00	-	94.99
Standard Deviation	15.22	15.21	15.38
Sharpe Ratio	0.29	0.29	0.14
Tracking Error	0.01	-	3.28
Information Ratio	-3.83	-	-1.19
Up Capture Ratio	99.88	-	90.76
Down Capture Ratio	100.06	-	101.53

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	17.91	17.90	16.40
Price/Book Ratio	2.68	2.67	2.71
Geom Avg Mkt Cap \$B	111.73	111.51	146.57
ROE	27.23	27.15	28.57

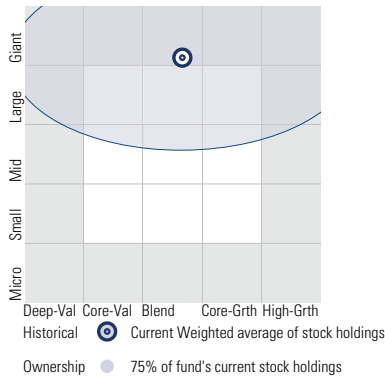
# Vanguard 500 Index Admiral VFIAX

Morningstar Category  
Large Blend

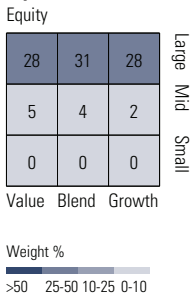
Morningstar Index  
S&P 500 TR USD

## Style Analysis as of 03-31-2020

Morningstar Style Box™



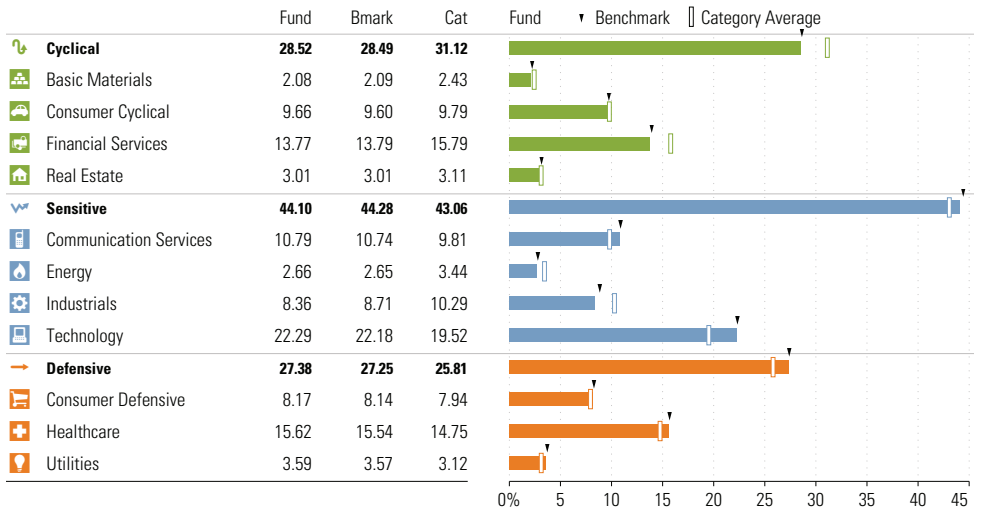
## Style Breakdown



## Asset Allocation as of 03-31-2020



## Sector Weighting as of 03-31-2020



## Top 15 Holdings as of 03-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Microsoft Corp	5.58	5.58	0.33	Technology
⊕ Apple Inc	4.93	10.51	-13.14	Technology
⊕ Amazon.com Inc	3.77	14.28	5.51	Consumer Cyclical
⊕ Facebook Inc A	1.86	16.14	-18.73	Communication Svc
⊕ Berkshire Hathaway Inc B	1.62	17.76	-19.28	Financial Services
⊕ Alphabet Inc Class C	1.62	19.37	-13.03	Communication Svc
⊕ Alphabet Inc A	1.61	20.99	-13.25	Communication Svc
⊕ Johnson & Johnson	1.60	22.59	-9.45	Healthcare
⊕ Visa Inc Class A	1.28	23.87	-14.09	Financial Services
⊕ Procter & Gamble Co	1.27	25.14	-11.33	Consumer Defensive
⊖ JPMorgan Chase & Co	1.24	26.38	-34.77	Financial Services
⊕ UnitedHealth Group Inc	1.10	27.48	-14.80	Healthcare
⊕ Intel Corp	1.09	28.57	-9.02	Technology
⊕ Verizon Communications Inc	1.03	29.60	-11.49	Communication Svc
⊕ Mastercard Inc A	1.00	30.60	-18.97	Financial Services

**Total Holdings 514**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard 500 Index Admiral VFIAX

**Morningstar Category**  
Large Blend

**Morningstar Index**  
S&P 500 TR USD

## Portfolio Manager(s)

Donald Butler since 04-2016  
Michelle Louie since 11-2017

## Quantitative Screens

✔ **Performance:** The fund has finished in the Large Blend category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 3.93 years.

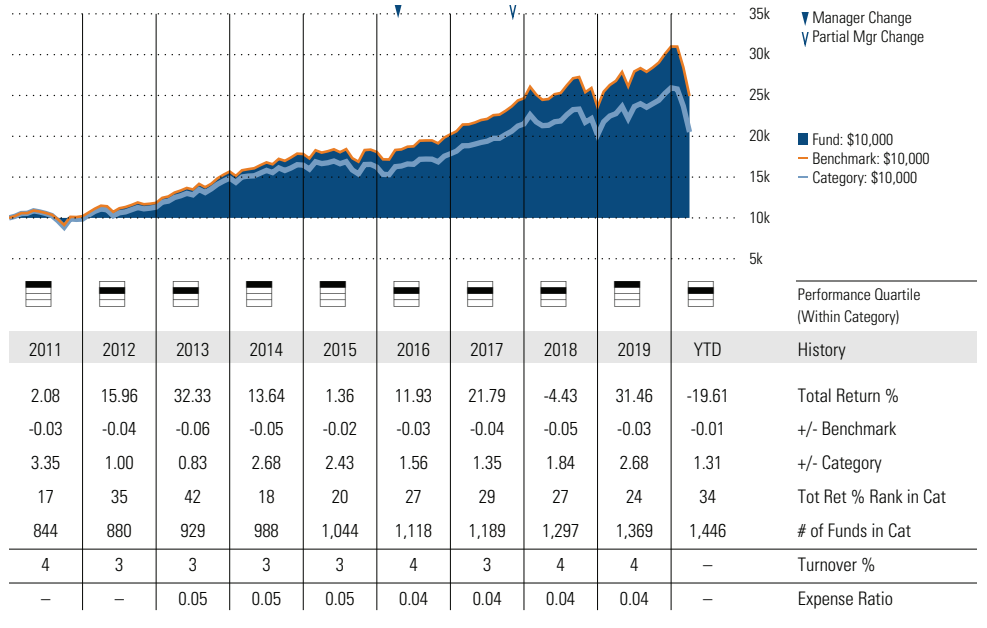
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.04 is 95.4% lower than the Large Blend category average.

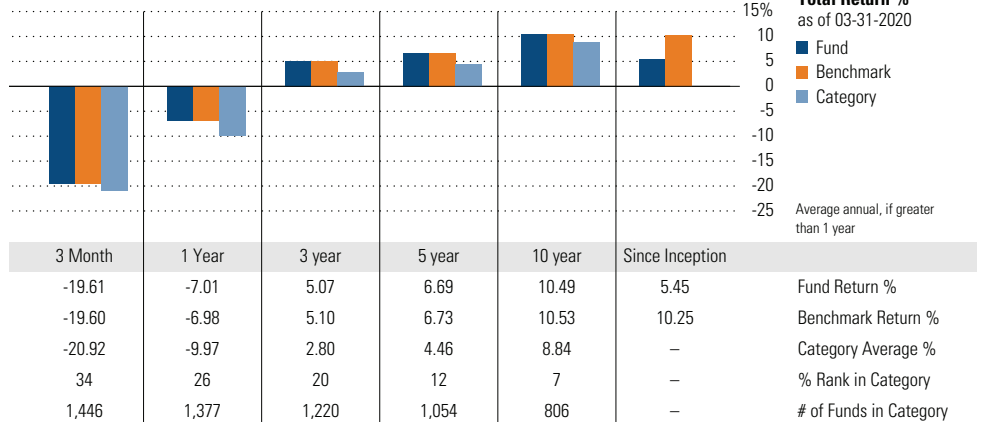
## Morningstar Investment Management LLC Analysis

This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

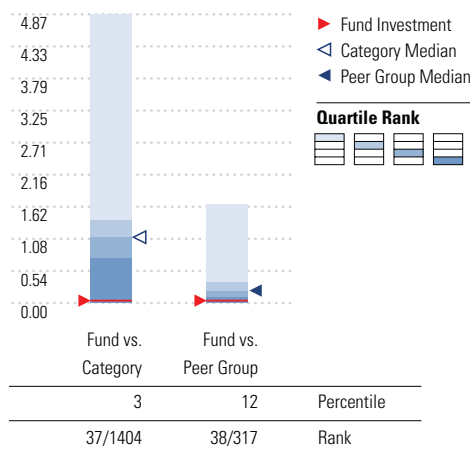
## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.04	-	-2.23
Beta	1.00	-	0.99
R-Squared	100.00	-	94.99
Standard Deviation	15.22	15.21	15.38
Sharpe Ratio	0.29	0.29	0.14
Tracking Error	0.01	-	3.28
Information Ratio	-3.83	-	-1.19
Up Capture Ratio	99.88	-	90.76
Down Capture Ratio	100.06	-	101.53

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	17.91	17.90	16.40
Price/Book Ratio	2.68	2.67	2.71
Geom Avg Mkt Cap \$B	111.73	111.51	146.57
ROE	27.23	27.15	28.57

# Vanguard 500 Index Admiral VFIAX

**Morningstar Category**  
Large Blend

**Morningstar Index**  
S&P 500 TR USD

## Style Analysis as of 03-31-2020

Morningstar Style Box™



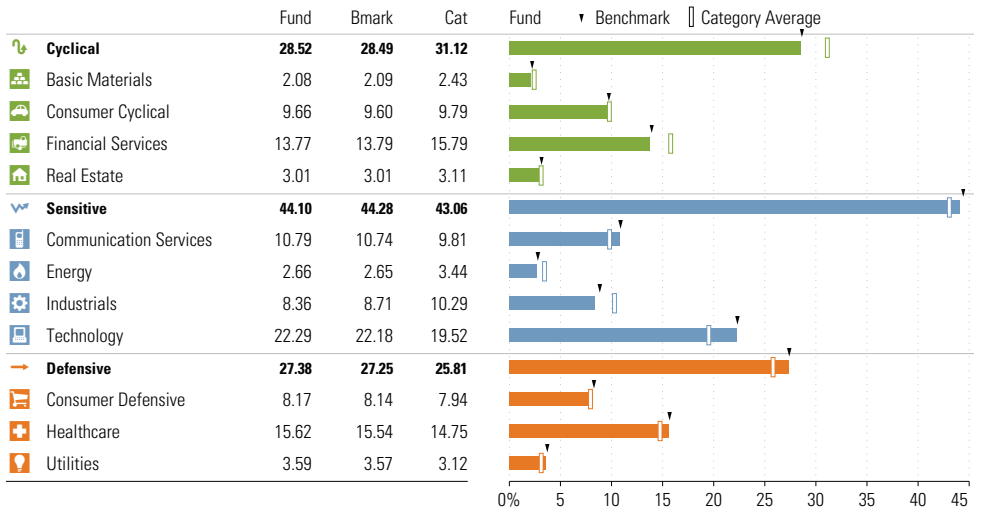
## Style Breakdown



## Asset Allocation as of 03-31-2020



## Sector Weighting as of 03-31-2020



## Top 15 Holdings as of 03-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Microsoft Corp	5.58	5.58	0.33	Technology
⊕ Apple Inc	4.93	10.51	-13.14	Technology
⊕ Amazon.com Inc	3.77	14.28	5.51	Consumer Cyclical
⊕ Facebook Inc A	1.86	16.14	-18.73	Communication Svc
⊕ Berkshire Hathaway Inc B	1.62	17.76	-19.28	Financial Services
⊕ Alphabet Inc Class C	1.62	19.37	-13.03	Communication Svc
⊕ Alphabet Inc A	1.61	20.99	-13.25	Communication Svc
⊕ Johnson & Johnson	1.60	22.59	-9.45	Healthcare
⊕ Visa Inc Class A	1.28	23.87	-14.09	Financial Services
⊕ Procter & Gamble Co	1.27	25.14	-11.33	Consumer Defensive
⊖ JPMorgan Chase & Co	1.24	26.38	-34.77	Financial Services
⊕ UnitedHealth Group Inc	1.10	27.48	-14.80	Healthcare
⊕ Intel Corp	1.09	28.57	-9.02	Technology
⊕ Verizon Communications Inc	1.03	29.60	-11.49	Communication Svc
⊕ Mastercard Inc A	1.00	30.60	-18.97	Financial Services

**Total Holdings 514**

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# Vanguard Developed Markets Index Admiral VTMGX

**Morningstar Category**  
Foreign Large Blend

**Morningstar Index**  
MSCI ACWI Ex USA NR USD

## Portfolio Manager(s)

Christine Franquin since 02-2013  
Michael Perre since 11-2017

## Quantitative Screens

✔ **Performance:** The fund has finished in the Foreign Large Blend category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 7.11 years.

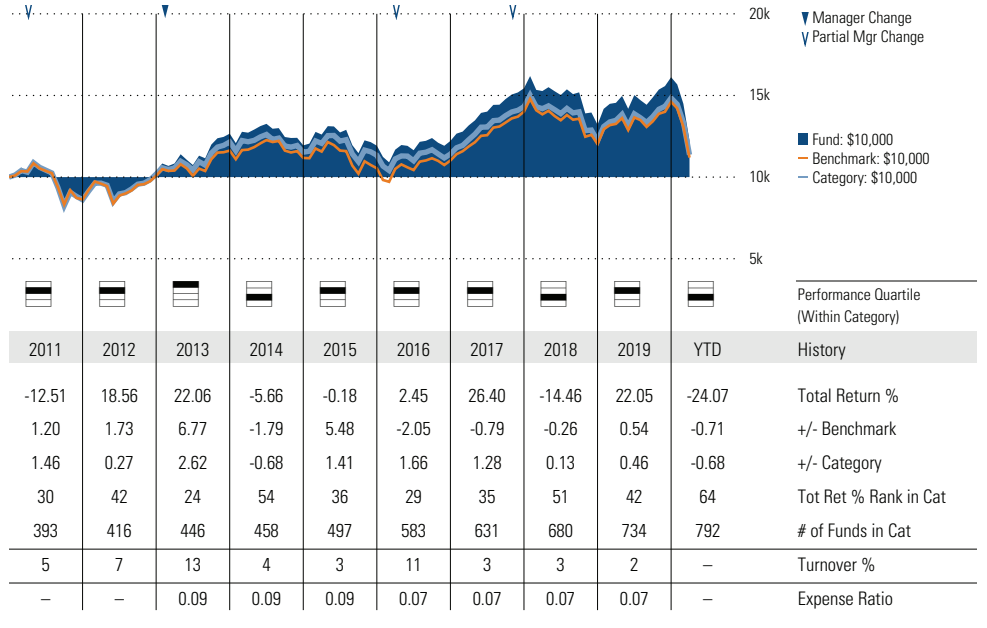
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.07 is 92.71% lower than the Foreign Large Blend category average.

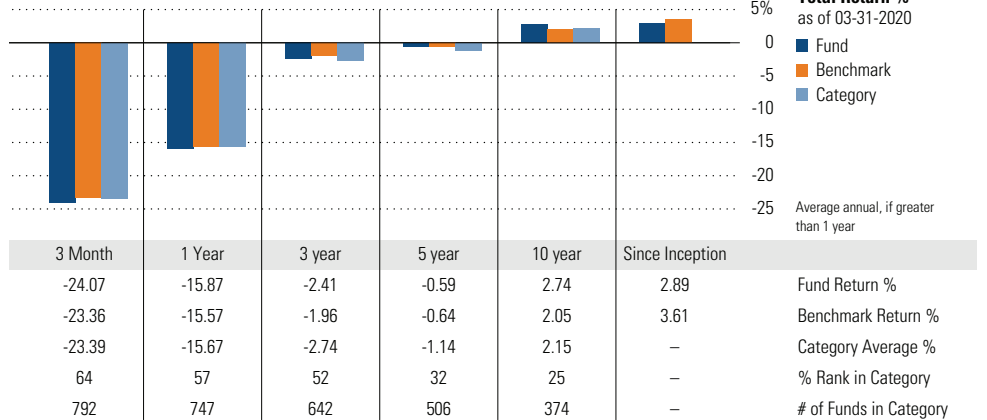
## Morningstar Investment Management LLC Analysis

This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

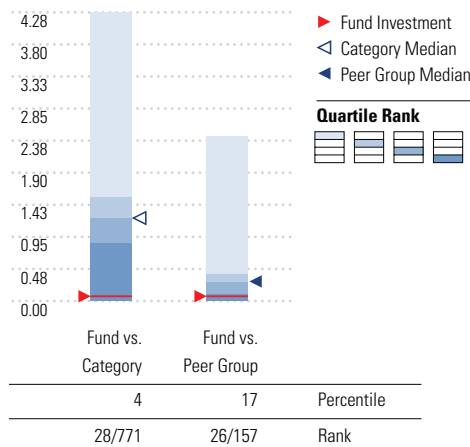
## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-0.42	-	-0.76
Beta	1.00	-	1.00
R-Squared	98.45	-	95.29
Standard Deviation	15.33	15.15	15.44
Sharpe Ratio	-0.20	-0.17	-0.21
Tracking Error	1.91	-	3.43
Information Ratio	-0.24	-	-0.24
Up Capture Ratio	97.03	-	95.05
Down Capture Ratio	99.57	-	99.51

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	13.17	13.01	12.99
Price/Book Ratio	1.21	1.30	1.23
Geom Avg Mkt Cap \$B	20.36	30.91	31.63
ROE	14.65	15.58	16.00

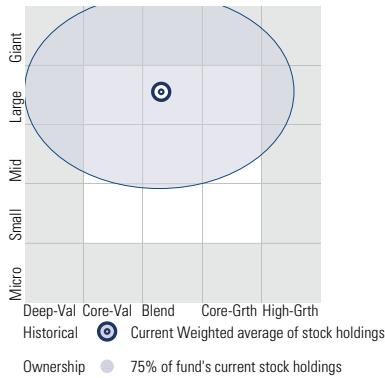
# Vanguard Developed Markets Index Admiral VTMGX

**Morningstar Category**  
Foreign Large Blend

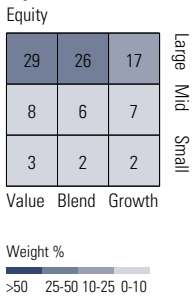
**Morningstar Index**  
MSCI ACWI Ex USA NR USD

## Style Analysis as of 03-31-2020

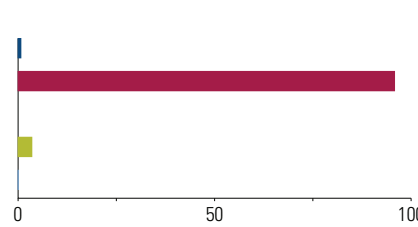
Morningstar Style Box™



## Style Breakdown

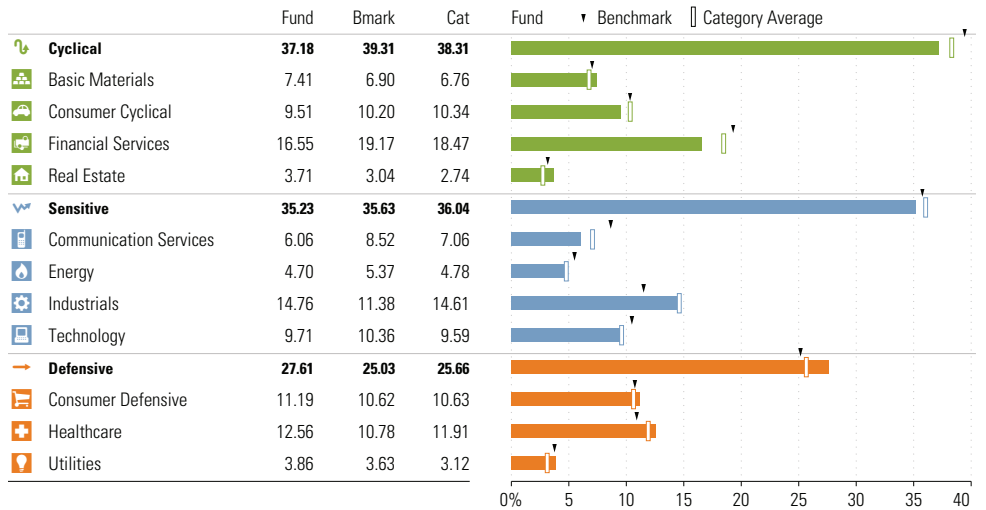


## Asset Allocation as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	0.70	3.37
Non-US Stocks	95.78	93.46
Bonds	0.00	0.97
Cash	3.49	0.53
Other	0.03	1.66
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2020



## World Regions % Equity 03-31-2020



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %
Greater Asia	37.90	36.85	Americas	9.09	7.21	Greater Europe	53.02	55.95	Market Maturity	Fund %
Japan	23.83	20.13	North America	9.08	6.31	United Kingdom	13.05	14.42	Developed Markets	99.07
Australasia	5.49	4.93	Central/Latin	0.01	0.90	W euro-ex UK	38.90	40.46	Emerging Markets	0.93
Asia-4 Tigers	8.20	6.65				Emrgng Europe	0.53	0.44	Not Available	0.00
Asia-ex 4 Tigers	0.38	5.14				Africa	0.54	0.63		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 03-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Market Liquidity Inv	3.42	3.42	-	-
⊖ Nestle SA	1.92	5.35	-5.09	Consumer Defensive
⊖ Roche Holding AG Dividend Right Cert.	1.45	6.80	-0.42	Healthcare
⊕ Novartis AG	1.14	7.94	-9.90	Healthcare
⊖ Samsung Electronics Co Ltd	1.12	9.06	-	Technology
⊖ Toyota Motor Corp	0.96	10.02	-15.72	Consumer Cyclical
⊖ AstraZeneca PLC	0.76	10.79	-3.22	Healthcare
⊖ HSBC Holdings PLC	0.74	11.52	-23.26	Financial Services
⊖ AIA Group Ltd	0.70	12.23	-14.24	Financial Services
⊖ SAP SE	0.70	12.93	-14.56	Technology

**Total Holdings 3924**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Developed Markets Index Admiral VTMGX

**Morningstar Category**  
Foreign Large Blend

**Morningstar Index**  
MSCI ACWI Ex USA NR USD

## Portfolio Manager(s)

Christine Franquin since 02-2013  
Michael Perre since 11-2017

## Quantitative Screens

✔ **Performance:** The fund has finished in the Foreign Large Blend category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 7.11 years.

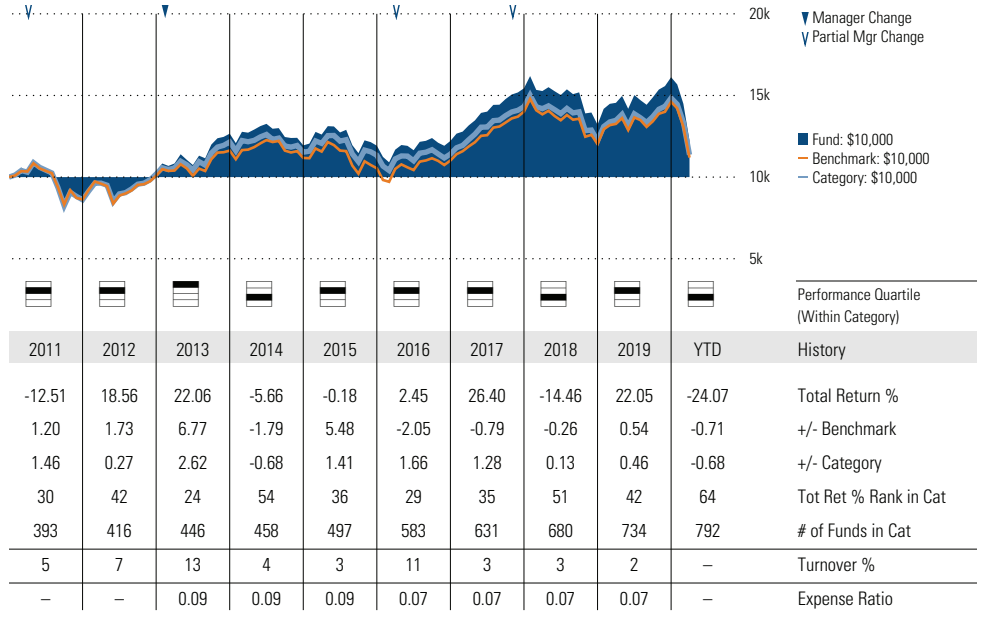
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.07 is 92.71% lower than the Foreign Large Blend category average.

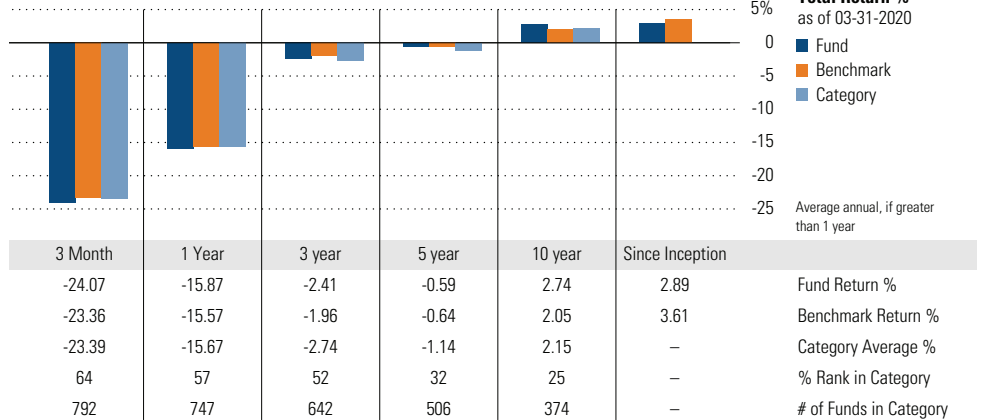
## Morningstar Investment Management LLC Analysis

This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

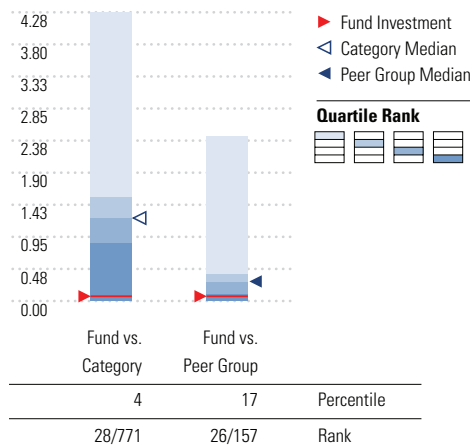
## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.42	-	-0.76
Beta	1.00	-	1.00
R-Squared	98.45	-	95.29
Standard Deviation	15.33	15.15	15.44
Sharpe Ratio	-0.20	-0.17	-0.21
Tracking Error	1.91	-	3.43
Information Ratio	-0.24	-	-0.24
Up Capture Ratio	97.03	-	95.05
Down Capture Ratio	99.57	-	99.51

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	13.17	13.01	12.99
Price/Book Ratio	1.21	1.30	1.23
Geom Avg Mkt Cap \$B	20.36	30.91	31.63
ROE	14.65	15.58	16.00

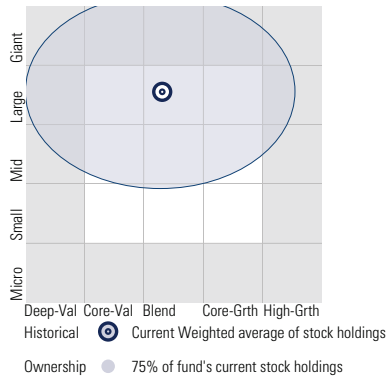
# Vanguard Developed Markets Index Admiral VTMGX

**Morningstar Category**  
Foreign Large Blend

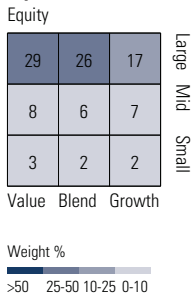
**Morningstar Index**  
MSCI ACWI Ex USA NR USD

## Style Analysis as of 03-31-2020

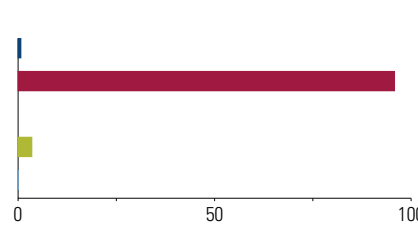
Morningstar Style Box™



## Style Breakdown

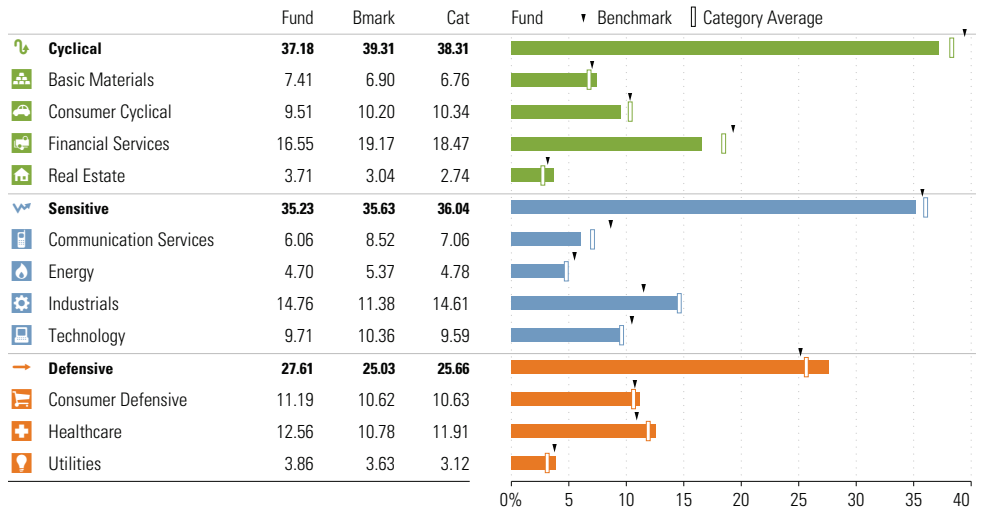


## Asset Allocation as of 03-31-2020

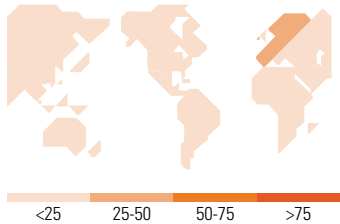


Asset Class	Net %	Cat%
US Stocks	95.78	93.37
Non-US Stocks	0.00	0.97
Bonds	3.49	0.53
Cash	0.03	1.66
Other	0.70	0.00
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2020



## World Regions % Equity 03-31-2020



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %
Greater Asia	37.90	36.85	Americas	9.09	7.21	Greater Europe	53.02	55.95	Market Maturity	Fund %
Japan	23.83	20.13	North America	9.08	6.31	United Kingdom	13.05	14.42	Developed Markets	99.07
Australasia	5.49	4.93	Central/Latin	0.01	0.90	W euro-ex UK	38.90	40.46	Emerging Markets	0.93
Asia-4 Tigers	8.20	6.65				Emrgng Europe	0.53	0.44	Not Available	0.00
Asia-ex 4 Tigers	0.38	5.14				Africa	0.54	0.63		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 03-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Market Liquidity Inv	3.42	3.42	-	-
⊖ Nestle SA	1.92	5.35	-5.09	Consumer Defensive
⊖ Roche Holding AG Dividend Right Cert.	1.45	6.80	-0.42	Healthcare
⊕ Novartis AG	1.14	7.94	-9.90	Healthcare
⊖ Samsung Electronics Co Ltd	1.12	9.06	-	Technology
⊖ Toyota Motor Corp	0.96	10.02	-15.72	Consumer Cyclical
⊖ AstraZeneca PLC	0.76	10.79	-3.22	Healthcare
⊖ HSBC Holdings PLC	0.74	11.52	-23.26	Financial Services
⊖ AIA Group Ltd	0.70	12.23	-14.24	Financial Services
⊖ SAP SE	0.70	12.93	-14.56	Technology

**Total Holdings 3924**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# Vanguard International Value Inv VTRIX

**Morningstar Category**  
Foreign Large Value

**Morningstar Index**  
MSCI EAFE NR USD

## Portfolio Manager(s)

Sandy Nairn since 05-2008  
Michael Bennett since 05-2010  
Michael Fry since 05-2010  
Steven Morrow since 08-2012  
A. Krishna since 08-2012

## Quantitative Screens

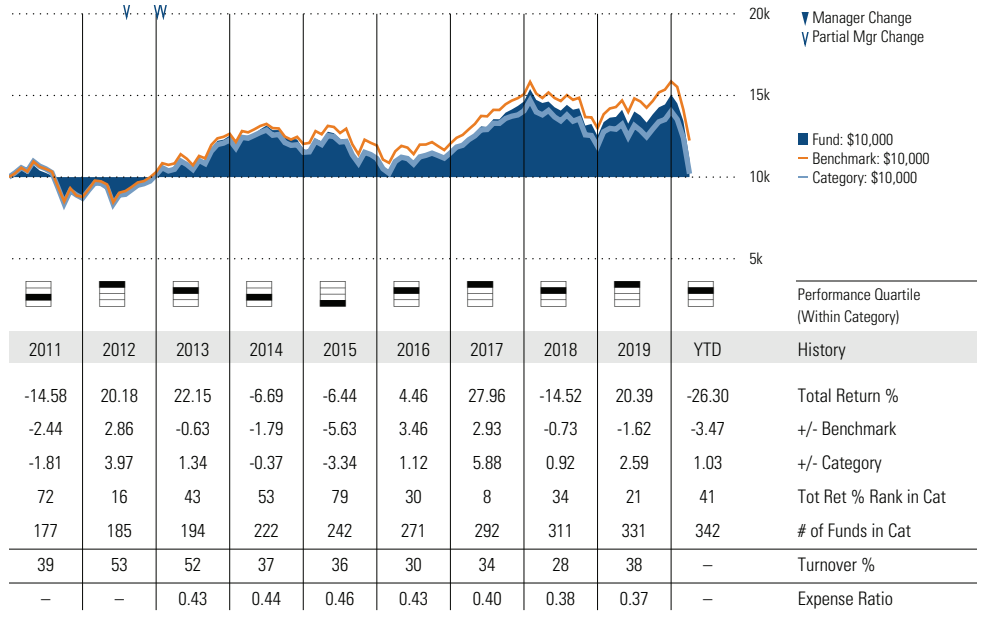
✔ **Performance:** The fund has finished in the Foreign Large Value category's top three quartiles in 9 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 11.88 years.

✘ **Style:** The fund has landed in its primary style box — Large Value — 27.27 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.37 is 65.09% lower than the Foreign Large Value category average.

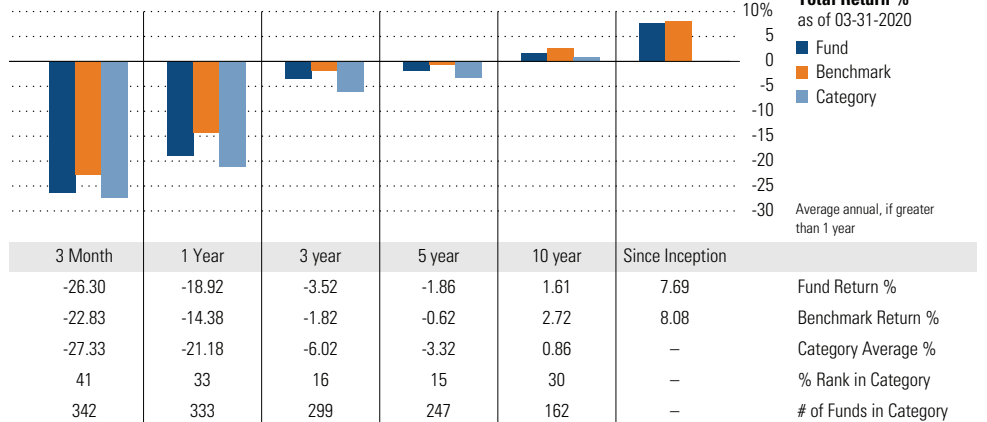
## Growth of \$10,000



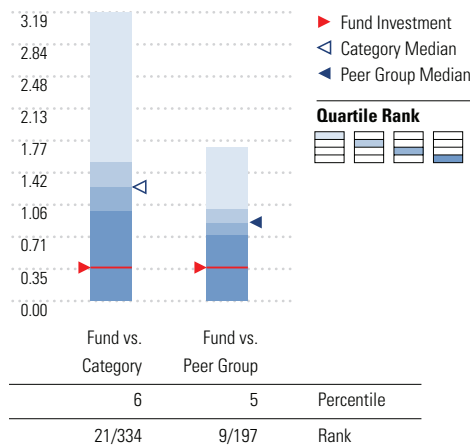
## Morningstar Investment Management LLC Analysis

This foreign large value fund fails our style consistency screen owing to its occasional drift into the blend portion of the style box. However, the movement has been minor and the fund still pursues a value-oriented strategy.

## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-1.41	-	-4.40
Beta	1.09	-	1.10
R-Squared	96.40	-	92.94
Standard Deviation	16.13	14.58	16.66
Sharpe Ratio	-0.25	-0.17	-0.42
Tracking Error	3.31	-	4.77
Information Ratio	-0.51	-	-1.01
Up Capture Ratio	101.85	-	94.03
Down Capture Ratio	110.15	-	118.42

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	15.87	13.90	9.60
Price/Book Ratio	1.38	1.27	0.83
Geom Avg Mkt Cap \$B	42.13	30.88	23.32
ROE	14.51	15.37	12.88

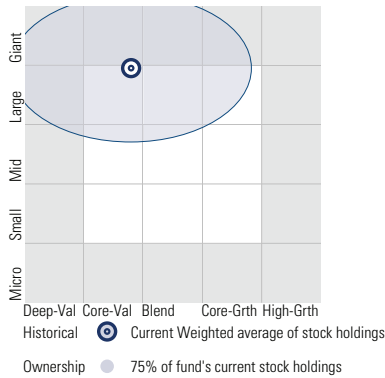
# Vanguard International Value Inv VTRIX

**Morningstar Category**  
Foreign Large Value

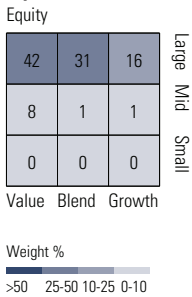
**Morningstar Index**  
MSCI EAFE NR USD

## Style Analysis as of 03-31-2020

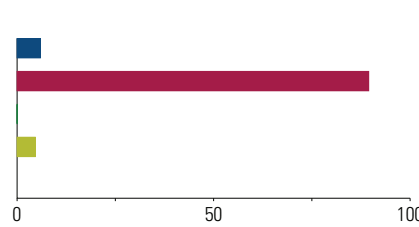
Morningstar Style Box™



## Style Breakdown

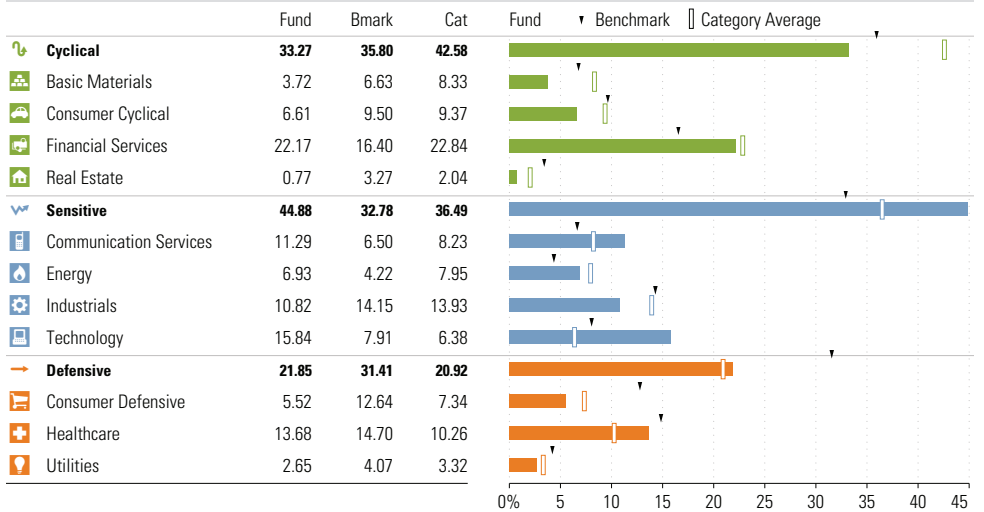


## Asset Allocation as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	5.92	2.38
Non-US Stocks	89.46	95.05
Bonds	0.01	0.22
Cash	4.61	2.27
Other	0.00	0.08
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2020



## World Regions % Equity 03-31-2020



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	37.88	32.90	Americas	7.63	6.66	Greater Europe	54.50	60.45	Developed Markets	89.21
Japan	16.48	18.44	North America	6.32	5.99	United Kingdom	16.11	19.56	Emerging Markets	10.79
Australasia	0.50	3.06	Central/Latin	1.31	0.67	W euro-ex UK	37.45	40.00	Not Available	0.00
Asia-4 Tigers	12.37	7.63				Emrgng Europe	0.41	0.52		
Asia-ex 4 Tigers	8.53	3.77				Africa	0.53	0.37		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 03-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Market Liquidity Inv	4.52	4.52	-	-
⊕ Sanofi SA	2.46	6.98	-10.58	Healthcare
⊖ Novartis AG	2.27	9.26	-9.90	Healthcare
⊖ Samsung Electronics Co Ltd	2.14	11.40	-	Technology
⊖ Royal Dutch Shell PLC Class A	1.86	13.26	-34.88	Energy
⊕ Tesco PLC	1.69	14.95	-10.34	Consumer Defensive
⊕ Hitachi Ltd	1.55	16.50	-32.06	Industrials
⊕ Fresenius Medical Care AG & Co. KGaA	1.47	17.97	-8.73	Healthcare
⊖ Vodafone Group PLC	1.41	19.38	-23.00	Communication Svc
⊖ DBS Group Holdings Ltd	1.40	20.79	-	Financial Services

**Total Holdings 153**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# Vanguard International Value Inv VTRIX

**Morningstar Category**  
Foreign Large Value

**Morningstar Index**  
MSCI EAFE NR USD

## Portfolio Manager(s)

Sandy Nairn since 05-2008  
Michael Bennett since 05-2010  
Michael Fry since 05-2010  
Steven Morrow since 08-2012  
A. Krishna since 08-2012

## Quantitative Screens

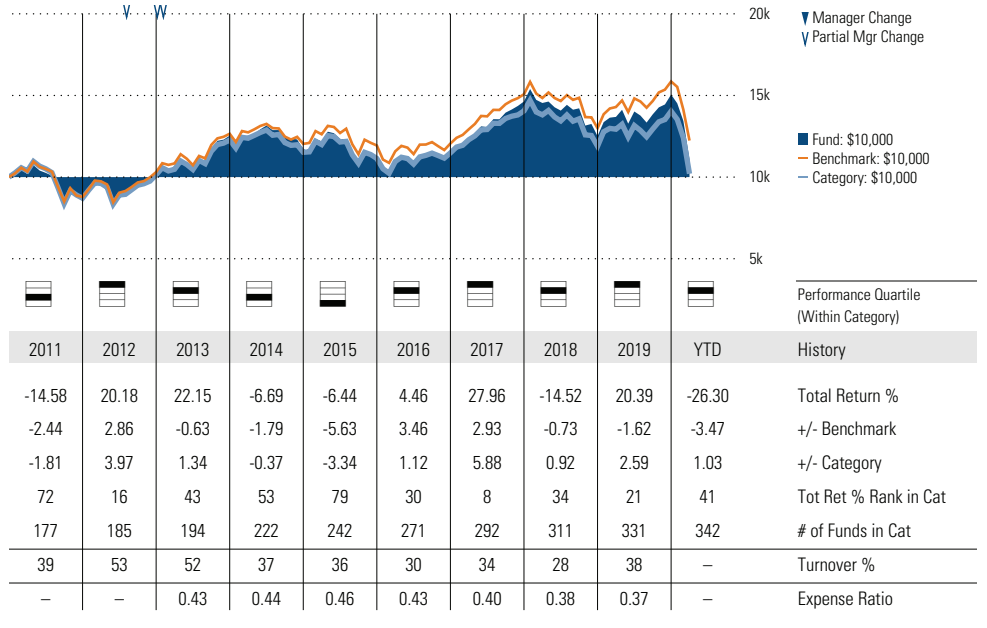
**Performance:** The fund has finished in the Foreign Large Value category's top three quartiles in 9 of the 10 years it's been in existence.

**Management:** The fund's management has been in place for 11.88 years.

**Style:** The fund has landed in its primary style box — Large Value — 27.27 % of the time over the past three years.

**Net Expense:** The fund's expense ratio of 0.37 is 65.09% lower than the Foreign Large Value category average.

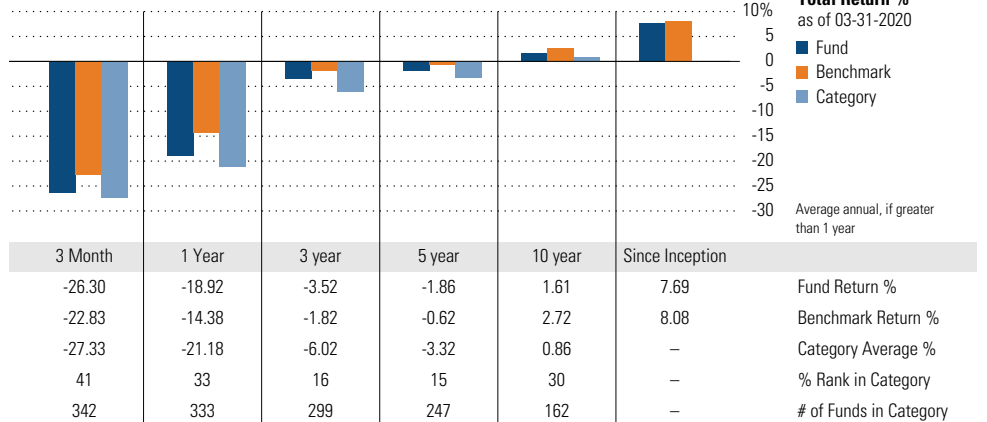
## Growth of \$10,000



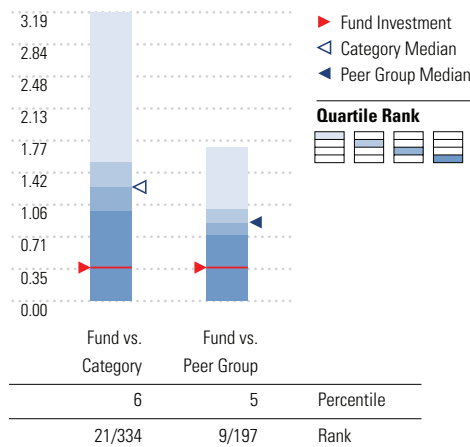
## Morningstar Investment Management LLC Analysis

This foreign large value fund fails our style consistency screen owing to its occasional drift into the blend portion of the style box. However, the movement has been minor and the fund still pursues a value-oriented strategy.

## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-1.41	-	-4.40
Beta	1.09	-	1.10
R-Squared	96.40	-	92.94
Standard Deviation	16.13	14.58	16.66
Sharpe Ratio	-0.25	-0.17	-0.42
Tracking Error	3.31	-	4.77
Information Ratio	-0.51	-	-1.01
Up Capture Ratio	101.85	-	94.03
Down Capture Ratio	110.15	-	118.42

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	15.87	13.90	9.60
Price/Book Ratio	1.38	1.27	0.83
Geom Avg Mkt Cap \$B	42.13	30.88	23.32
ROE	14.51	15.37	12.88

# Vanguard International Value Inv VTRIX

**Morningstar Category**  
Foreign Large Value

**Morningstar Index**  
MSCI EAFE NR USD

## Style Analysis as of 03-31-2020

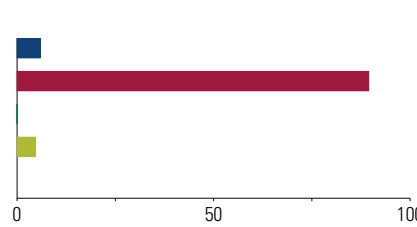
Morningstar Style Box™



## Style Breakdown

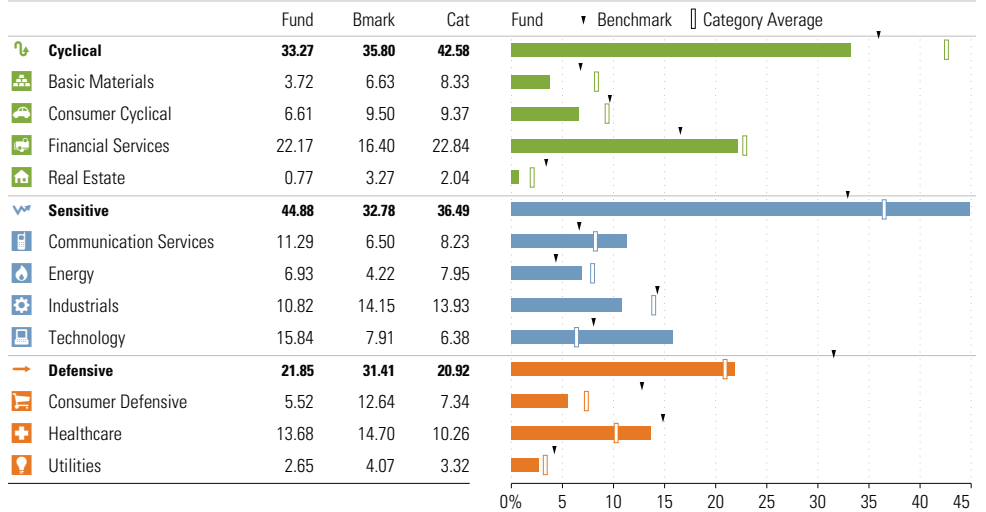


## Asset Allocation as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	5.92	2.38
Non-US Stocks	89.46	95.05
Bonds	0.01	0.22
Cash	4.61	2.27
Other	0.00	0.08
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2020



## World Regions % Equity 03-31-2020



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	37.88	32.90	Americas	7.63	6.66	Greater Europe	54.50	60.45	Developed Markets	89.21
Japan	16.48	18.44	North America	6.32	5.99	United Kingdom	16.11	19.56	Emerging Markets	10.79
Australasia	0.50	3.06	Central/Latin	1.31	0.67	W euro-ex UK	37.45	40.00	Not Available	0.00
Asia-4 Tigers	12.37	7.63				Emrgng Europe	0.41	0.52		
Asia-ex 4 Tigers	8.53	3.77				Africa	0.53	0.37		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 03-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Market Liquidity Inv	4.52	4.52	-	-
⊕ Sanofi SA	2.46	6.98	-10.58	Healthcare
⊖ Novartis AG	2.27	9.26	-9.90	Healthcare
⊖ Samsung Electronics Co Ltd	2.14	11.40	-	Technology
⊖ Royal Dutch Shell PLC Class A	1.86	13.26	-34.88	Energy
⊕ Tesco PLC	1.69	14.95	-10.34	Consumer Defensive
⊕ Hitachi Ltd	1.55	16.50	-32.06	Industrials
⊕ Fresenius Medical Care AG & Co. KGaA	1.47	17.97	-8.73	Healthcare
⊖ Vodafone Group PLC	1.41	19.38	-23.00	Communication Svc
⊖ DBS Group Holdings Ltd	1.40	20.79	-	Financial Services

**Total Holdings 153**

⊕ Increase ⊖ Decrease ✱ New to Portfolio



# Vanguard Real Estate Index Admiral VGSLX

**Morningstar Category**  
Real Estate

**Morningstar Index**  
S&P United States REIT TR USD

## Portfolio Manager(s)

Gerard O'Reilly since 05-1996

Walter Nejman since 05-2016

## Quantitative Screens

✔ **Performance:** The fund has finished in the Real Estate category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 23.9 years.

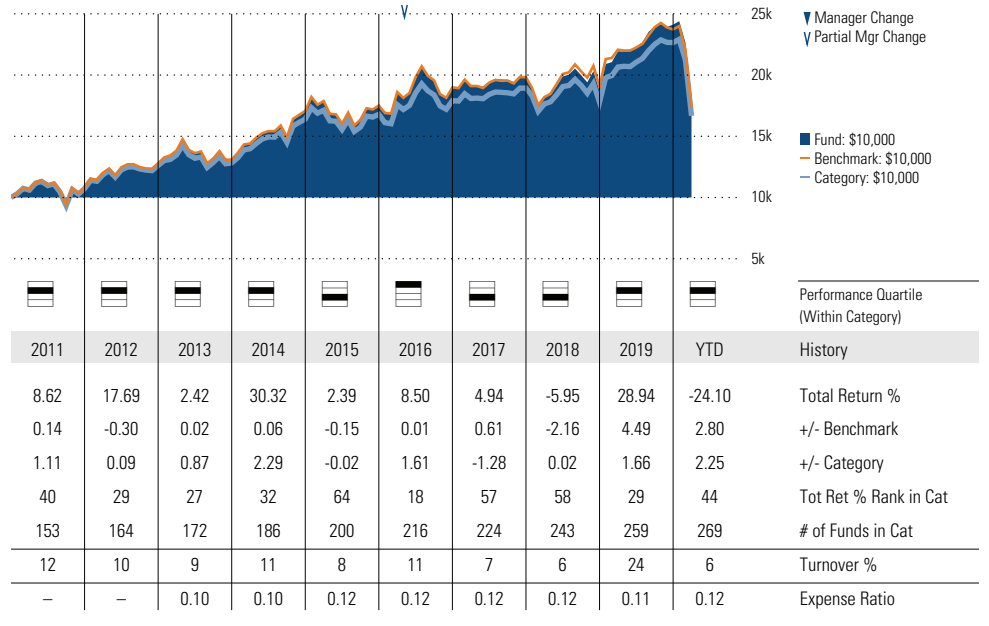
✔ **Style:** The fund has landed in its primary style box — Mid-Cap Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.12 is 89.29% lower than the Real Estate category average.

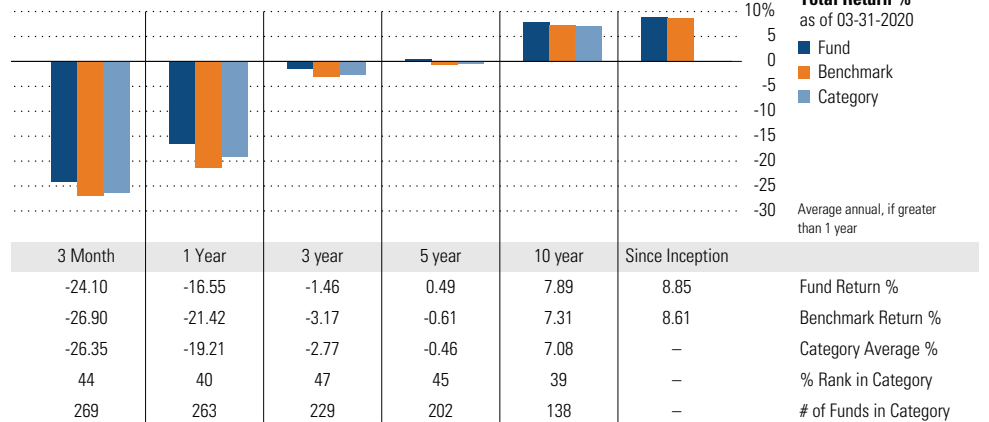
## Morningstar Investment Management LLC Analysis

This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

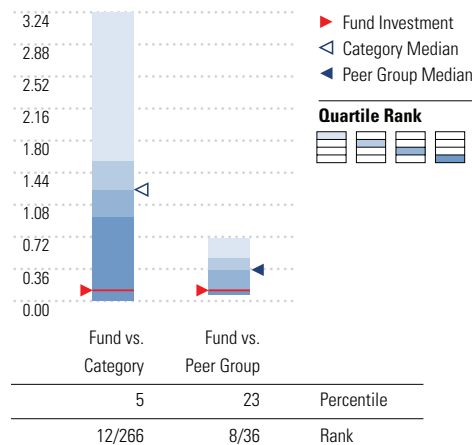
## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	1.42	-	0.98
Beta	0.94	-	0.92
R-Squared	98.98	-	94.50
Standard Deviation	17.06	18.14	17.28
Sharpe Ratio	-0.10	-0.18	-0.11
Tracking Error	2.09	-	4.30
Information Ratio	0.82	-	0.34
Up Capture Ratio	98.44	-	91.99
Down Capture Ratio	90.66	-	87.89

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	24.06	38.46	22.03
Price/Book Ratio	2.01	2.42	1.66
Geom Avg Mkt Cap \$B	14.69	9.35	14.81
ROE	12.69	9.56	11.73

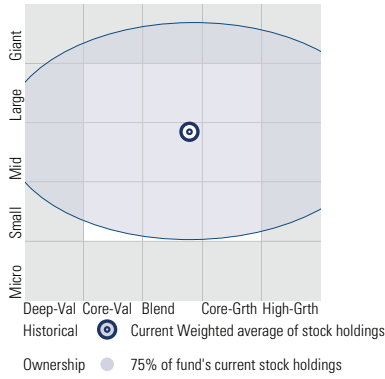
# Vanguard Real Estate Index Admiral VGSLX

**Morningstar Category**  
Real Estate

**Morningstar Index**  
S&P United States REIT TR USD

## Style Analysis as of 03-31-2020

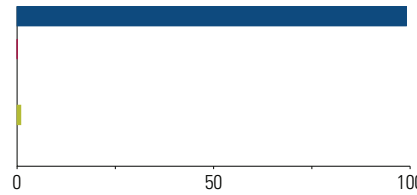
Morningstar Style Box™



## Style Breakdown



## Asset Allocation as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	99.03	87.30
Non-US Stocks	0.04	0.76
Bonds	0.00	3.63
Cash	0.92	1.75
Other	0.00	6.57
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2020

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>99.97</b>	<b>99.13</b>	<b>98.99</b>			
Basic Materials	0.00	0.00	0.03			
Consumer Cyclical	0.00	0.13	0.73			
Financial Services	0.01	0.00	0.11			
Real Estate	99.96	99.00	98.12			
<b>Sensitive</b>	<b>0.03</b>	<b>0.87</b>	<b>0.87</b>			
Communication Services	0.00	0.00	0.06			
Energy	0.00	0.00	0.01			
Industrials	0.03	0.87	0.08			
Technology	0.00	0.00	0.72			
<b>Defensive</b>	<b>0.00</b>	<b>0.00</b>	<b>0.13</b>			
Consumer Defensive	0.00	0.00	0.00			
Healthcare	0.00	0.00	0.06			
Utilities	0.00	0.00	0.07			

## Top 15 Holdings as of 03-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Real Estate II Index	11.35	11.35	-	-
⊖ American Tower Corp	8.76	20.11	-5.25	Real Estate
⊖ Crown Castle International Corp	5.45	25.56	2.43	Real Estate
⊖ Prologis Inc	5.38	30.95	-9.19	Real Estate
⊖ Equinix Inc	4.84	35.78	7.46	Real Estate
⊕ Digital Realty Trust Inc	3.15	38.93	16.95	Real Estate
⊖ Public Storage	2.84	41.77	-5.80	Real Estate
⊖ SBA Communications Corp	2.76	44.53	12.22	Real Estate
⊖ Equity Residential	2.08	46.61	-22.99	Real Estate
⊖ AvalonBay Communities Inc	1.87	48.48	-29.06	Real Estate
⊖ Welltower Inc	1.69	50.16	-42.96	Real Estate
⊖ Simon Property Group Inc	1.53	51.69	-61.76	Real Estate
⊖ Realty Income Corp	1.48	53.17	-31.34	Real Estate
⊖ Alexandria Real Estate Equities Inc	1.43	54.60	-14.54	Real Estate
⊖ Essex Property Trust Inc	1.32	55.92	-26.11	Real Estate

**Total Holdings 189**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Real Estate Index Admiral VGSLX

**Morningstar Category**  
Real Estate

**Morningstar Index**  
S&P United States REIT TR USD

## Portfolio Manager(s)

Gerard O'Reilly since 05-1996

Walter Nejman since 05-2016

## Quantitative Screens

✔ **Performance:** The fund has finished in the Real Estate category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 23.9 years.

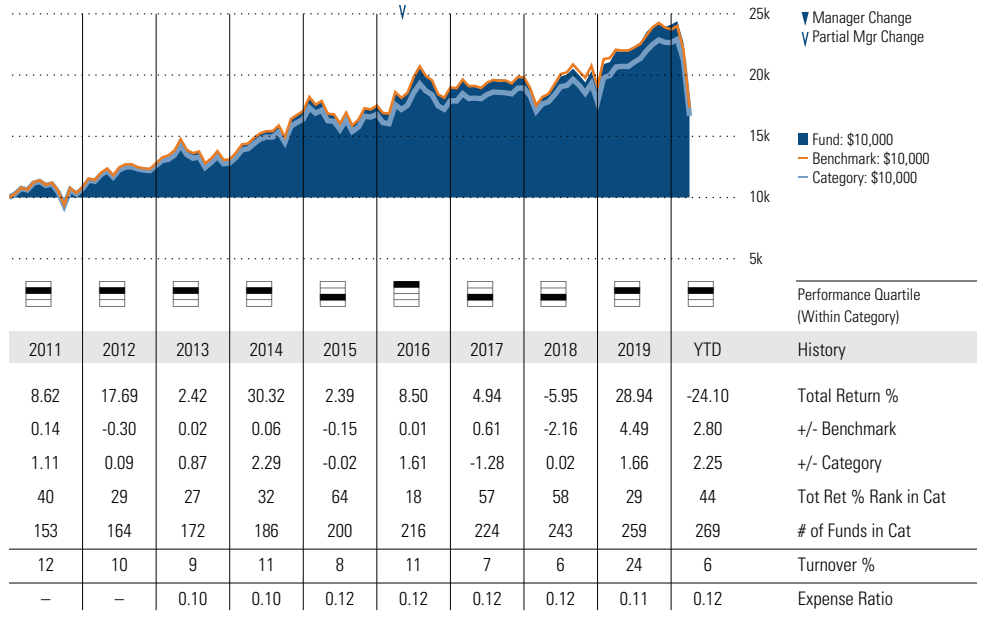
✔ **Style:** The fund has landed in its primary style box — Mid-Cap Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.12 is 89.29% lower than the Real Estate category average.

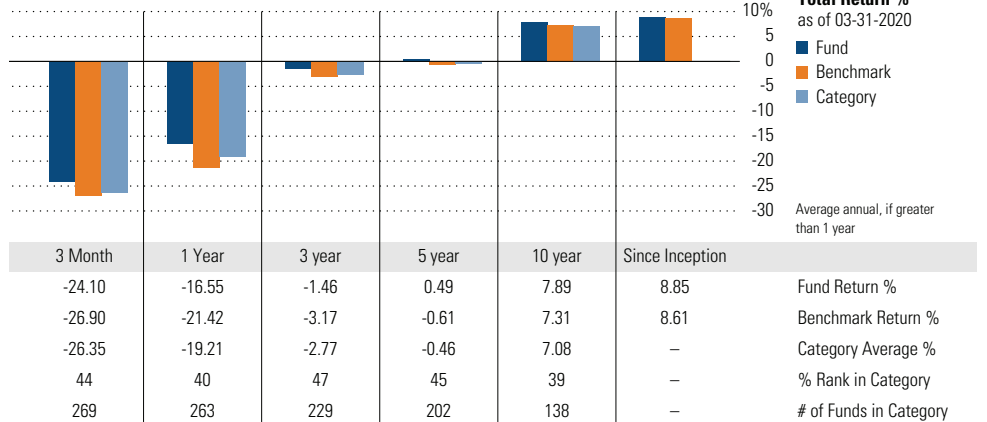
## Morningstar Investment Management LLC Analysis

This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

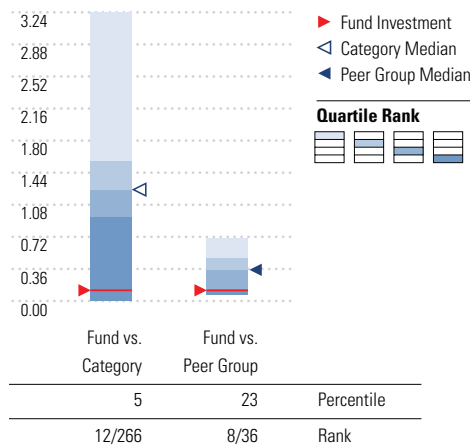
## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	1.42	-	0.98
Beta	0.94	-	0.92
R-Squared	98.98	-	94.50
Standard Deviation	17.06	18.14	17.28
Sharpe Ratio	-0.10	-0.18	-0.11
Tracking Error	2.09	-	4.30
Information Ratio	0.82	-	0.34
Up Capture Ratio	98.44	-	91.99
Down Capture Ratio	90.66	-	87.89

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	24.06	38.46	22.03
Price/Book Ratio	2.01	2.42	1.66
Geom Avg Mkt Cap \$B	14.69	9.35	14.81
ROE	12.69	9.56	11.73

# Vanguard Real Estate Index Admiral VGSLX

**Morningstar Category**  
Real Estate

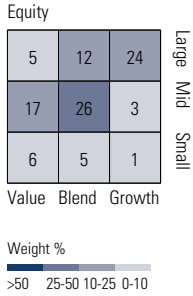
**Morningstar Index**  
S&P United States REIT TR USD

## Style Analysis as of 03-31-2020

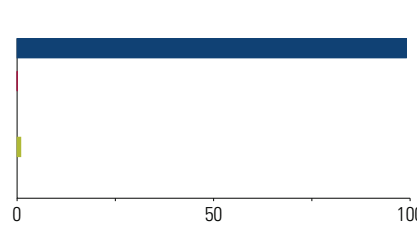
Morningstar Style Box™



## Style Breakdown



## Asset Allocation as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	99.03	87.30
Non-US Stocks	0.04	0.76
Bonds	0.00	3.63
Cash	0.92	1.75
Other	0.00	6.57
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2020

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>99.97</b>	<b>99.13</b>	<b>98.99</b>			
Basic Materials	0.00	0.00	0.03			
Consumer Cyclical	0.00	0.13	0.73			
Financial Services	0.01	0.00	0.11			
Real Estate	99.96	99.00	98.12			
<b>Sensitive</b>	<b>0.03</b>	<b>0.87</b>	<b>0.87</b>			
Communication Services	0.00	0.00	0.06			
Energy	0.00	0.00	0.01			
Industrials	0.03	0.87	0.08			
Technology	0.00	0.00	0.72			
<b>Defensive</b>	<b>0.00</b>	<b>0.00</b>	<b>0.13</b>			
Consumer Defensive	0.00	0.00	0.00			
Healthcare	0.00	0.00	0.06			
Utilities	0.00	0.00	0.07			

## Top 15 Holdings as of 03-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Real Estate II Index	11.35	11.35	-	-
⊖ American Tower Corp	8.76	20.11	-5.25	Real Estate
⊖ Crown Castle International Corp	5.45	25.56	2.43	Real Estate
⊖ Prologis Inc	5.38	30.95	-9.19	Real Estate
⊖ Equinix Inc	4.84	35.78	7.46	Real Estate
⊕ Digital Realty Trust Inc	3.15	38.93	16.95	Real Estate
⊖ Public Storage	2.84	41.77	-5.80	Real Estate
⊖ SBA Communications Corp	2.76	44.53	12.22	Real Estate
⊖ Equity Residential	2.08	46.61	-22.99	Real Estate
⊖ AvalonBay Communities Inc	1.87	48.48	-29.06	Real Estate
⊖ Welltower Inc	1.69	50.16	-42.96	Real Estate
⊖ Simon Property Group Inc	1.53	51.69	-61.76	Real Estate
⊖ Realty Income Corp	1.48	53.17	-31.34	Real Estate
⊖ Alexandria Real Estate Equities Inc	1.43	54.60	-14.54	Real Estate
⊖ Essex Property Trust Inc	1.32	55.92	-26.11	Real Estate

**Total Holdings 189**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Small Cap Value Index Admiral VSIAX

**Morningstar Category**  
Small Value

**Morningstar Index**  
Russell 2000 Value TR USD

## Portfolio Manager(s)

Gerard O'Reilly since 04-2016  
William Coleman since 04-2016

## Quantitative Screens

✔ **Performance:** The fund has finished in the Small Value category's top three quartiles in 8 of the 8 years it's been in existence.

✔ **Management:** The fund's management has been in place for 3.93 years.

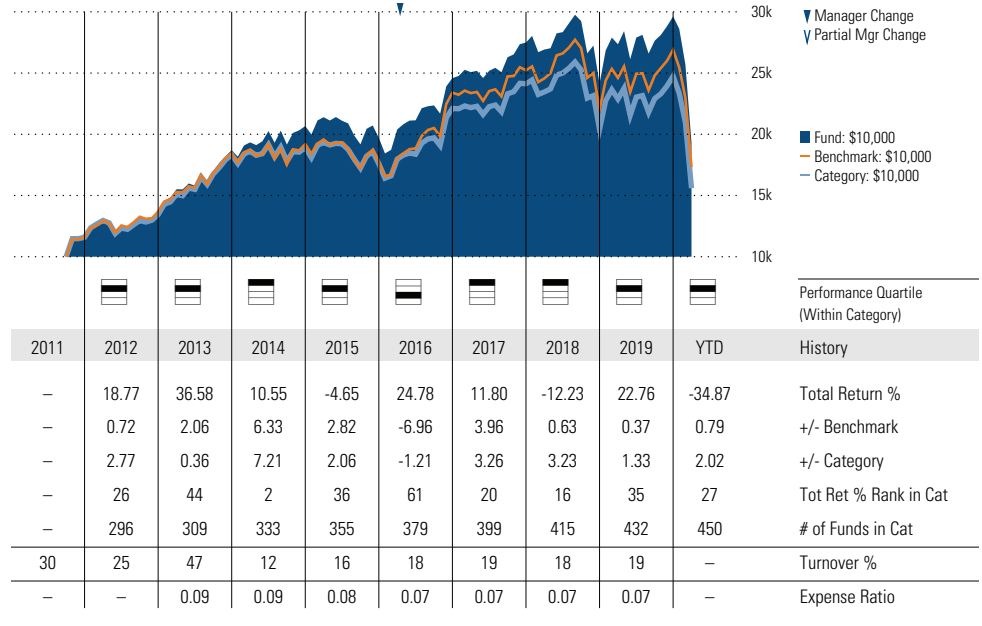
✘ **Style:** The fund has landed in its primary style box — Small Value — 48.57 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.07 is 94.12% lower than the Small Value category average.

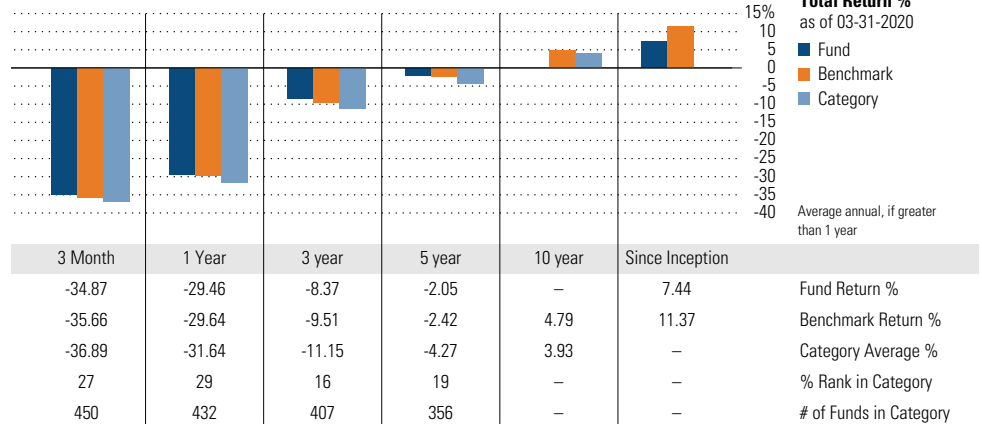
## Morningstar Investment Management LLC Analysis

This fund fails our style screen but its portfolio positioning remains consistent with the benchmark index it tracks.

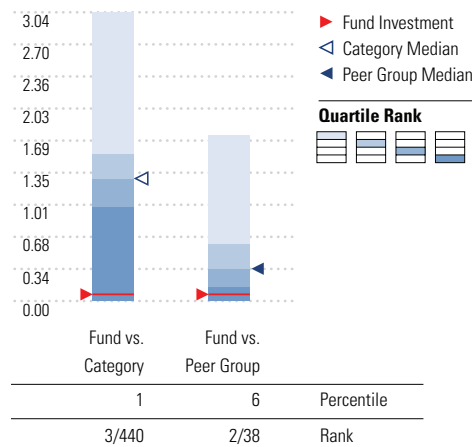
## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.90	-	-1.11
Beta	0.97	-	1.02
R-Squared	98.32	-	96.43
Standard Deviation	21.84	22.39	23.27
Sharpe Ratio	-0.36	-0.40	-0.44
Tracking Error	2.92	-	4.66
Information Ratio	0.39	-	-0.29
Up Capture Ratio	94.53	-	97.38
Down Capture Ratio	92.67	-	102.79

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	10.83	10.07	9.68
Price/Book Ratio	1.14	0.93	0.91
Geom Avg Mkt Cap \$B	2.78	1.19	2.02
ROE	11.02	6.00	10.82

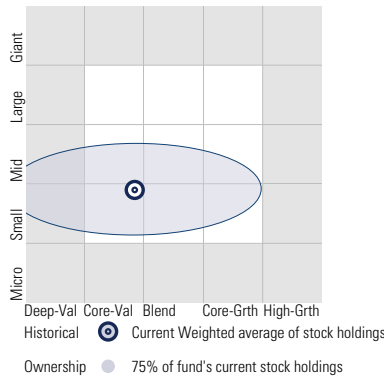
# Vanguard Small Cap Value Index Admiral VSIAX

**Morningstar Category**  
Small Value

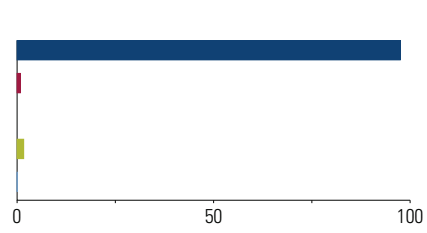
**Morningstar Index**  
Russell 2000 Value TR USD

## Style Analysis as of 03-31-2020

Morningstar Style Box™

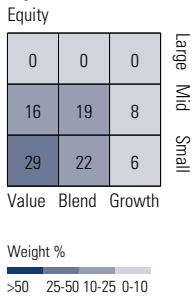


## Asset Allocation as of 03-31-2020

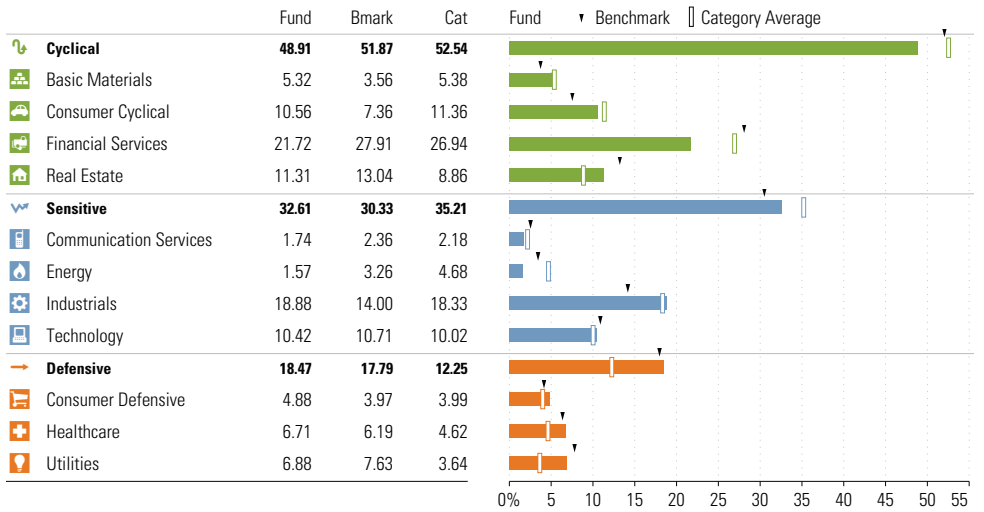


Asset Class	Net %	Cat%
US Stocks	97.49	95.85
Non-US Stocks	0.82	2.16
Bonds	0.00	0.01
Cash	1.67	1.90
Other	0.02	0.08
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Style Breakdown



## Sector Weighting as of 03-31-2020



## Top 15 Holdings as of 03-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Slcmt1142	1.15	1.15	-	-
⊕ Leidos Holdings Inc	0.94	2.08	-6.03	Technology
⊕ Atmos Energy Corp	0.85	2.94	-10.78	Utilities
⊕ IDEX Corp	0.76	3.70	-19.41	Industrials
⊕ Booz Allen Hamilton Holding Corp Class A	0.70	4.39	-3.06	Industrials
⊕ Medical Properties Trust Inc	0.65	5.04	-16.82	Real Estate
⊕ Essential Utilities Inc	0.63	5.67	-12.79	Utilities
⊕ Molina Healthcare Inc	0.63	6.31	2.96	Healthcare
⊕ Brown & Brown Inc	0.63	6.93	-8.04	Financial Services
⊕ Cypress Semiconductor Corp	0.62	7.56	0.43	Technology
⊕ Allegion PLC	0.62	8.17	-25.86	Industrials
⊕ PerkinElmer Inc	0.60	8.78	-22.40	Healthcare
⊕ RPM International Inc	0.56	9.33	-22.02	Basic Materials
⊕ Carlisle Companies Inc	0.51	9.85	-22.28	Industrials
⊖ Cmt Market Liquidity Rate	0.51	10.35	-	-

**Total Holdings 862**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2015 Inv VTXVX

**Morningstar Category**  
Target-Date 2015

**Morningstar Index**  
Morningstar Lifetime Mod 2015 TR USD

## Portfolio Manager(s)

Walter Nejman since 02-2013  
William Coleman since 02-2013

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2015 category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 7.11 years.

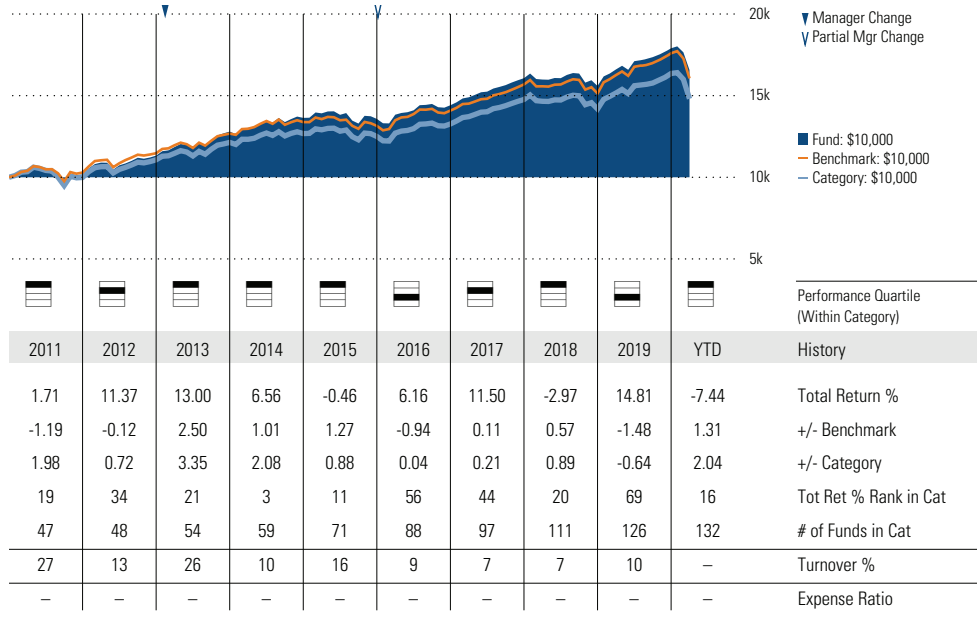
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.13 is 80.6% lower than the Target-Date 2015 category average.

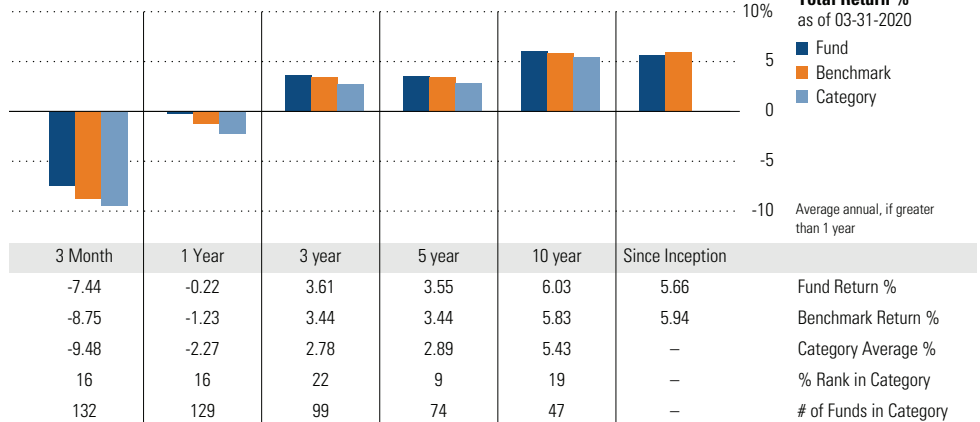
## Morningstar Investment Management LLC Analysis

This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

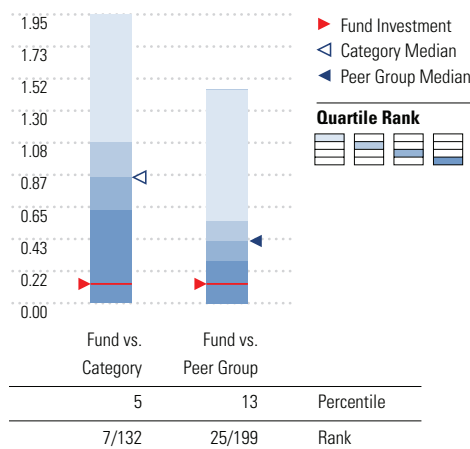
## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.54	-	-0.93
Beta	0.88	-	1.01
R-Squared	99.41	-	97.35
Standard Deviation	6.11	6.90	7.05
Sharpe Ratio	0.33	0.27	0.15
Tracking Error	0.93	-	1.35
Information Ratio	0.18	-	-0.71
Up Capture Ratio	92.70	-	93.00
Down Capture Ratio	86.94	-	102.79

## Portfolio Metrics

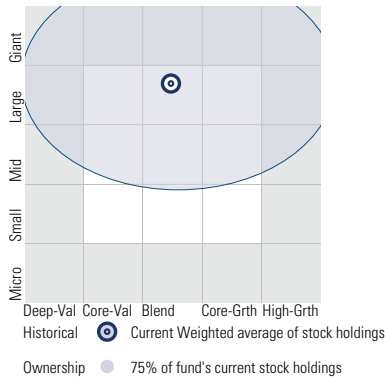
	Fund	Bmark	Cat
Price/Earnings Ratio	14.18	14.47	14.15
Price/Book Ratio	1.61	1.65	1.68
Avg Eff Duration	5.89	8.22	5.17

# Vanguard Target Retirement 2015 Inv VTXVX

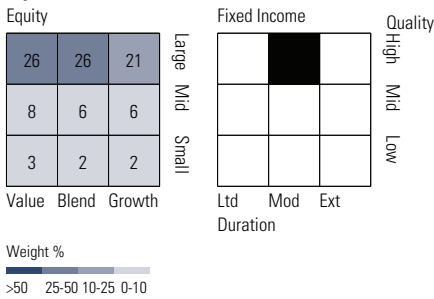
**Morningstar Category**  
Target-Date 2015

**Morningstar Index**  
Morningstar Lifetime Mod 2015 TR USD

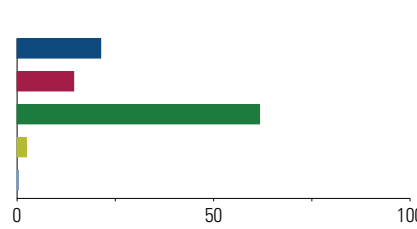
**Style Analysis** as of 03-31-2020  
Morningstar Style Box™



**Style Breakdown**

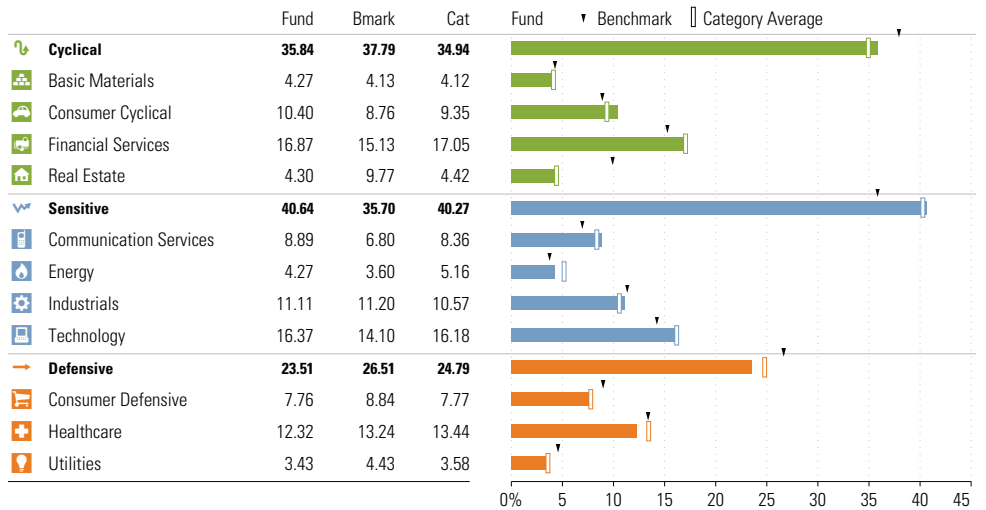


**Asset Allocation** as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	21.27	25.55
Non-US Stocks	14.40	14.57
Bonds	61.69	50.74
Cash	2.33	5.64
Other	0.30	3.49
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 03-31-2020



**Top 6 Holdings** as of 03-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Bond Market II Idx Inv	—	35.06	35.06	—	—
⊕ Vanguard Total Stock Mkt Idx Inv	—	21.65	56.71	—	—
⊖ Vanguard Total Intl Bd Idx Investor	—	14.98	71.69	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	14.54	86.23	—	—
⊖ Vanguard Shrt-Term Infl-Prot Sec Idx Inv	—	13.67	99.89	—	—
⊕ Cmt Market Liquidity Rate	—	0.11	100.00	—	—

**Total Holdings 6**

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# Vanguard Target Retirement 2015 Inv VTXVX

**Morningstar Category**  
Target-Date 2015

**Morningstar Index**  
Morningstar Lifetime Mod 2015 TR USD

## Portfolio Manager(s)

Walter Nejman since 02-2013  
William Coleman since 02-2013

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2015 category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 7.11 years.

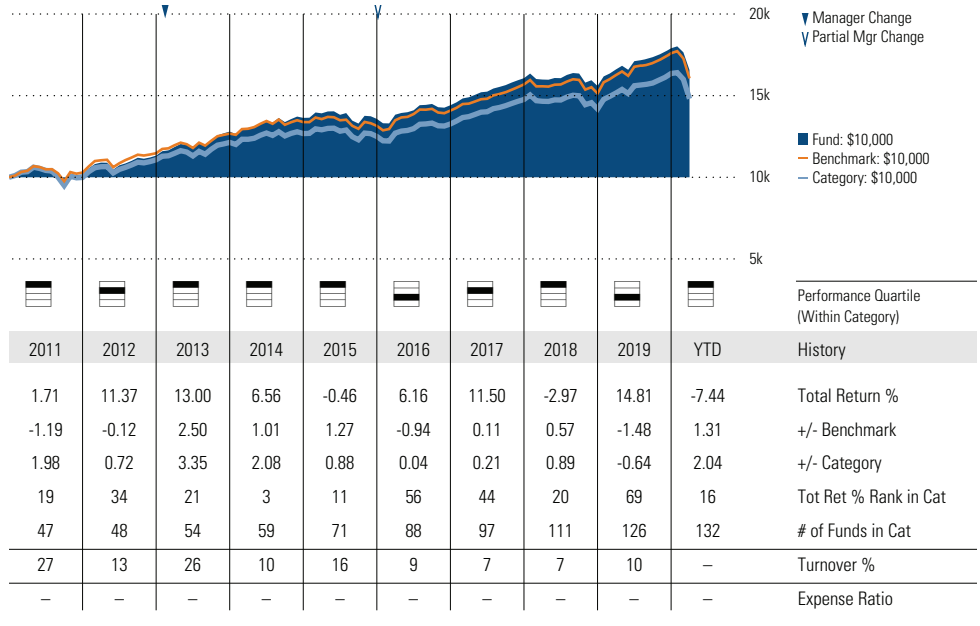
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.13 is 80.6% lower than the Target-Date 2015 category average.

## Morningstar Investment Management LLC Analysis

This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

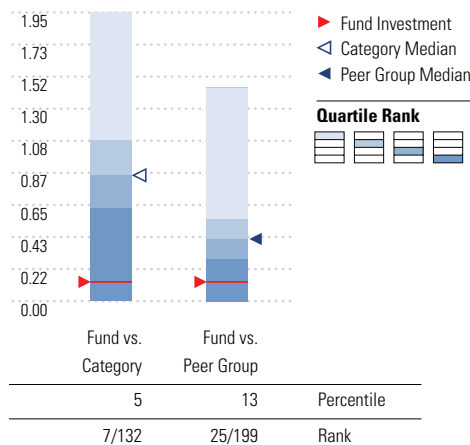
## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.54	-	-0.93
Beta	0.88	-	1.01
R-Squared	99.41	-	97.35
Standard Deviation	6.11	6.90	7.05
Sharpe Ratio	0.33	0.27	0.15
Tracking Error	0.93	-	1.35
Information Ratio	0.18	-	-0.71
Up Capture Ratio	92.70	-	93.00
Down Capture Ratio	86.94	-	102.79

## Portfolio Metrics

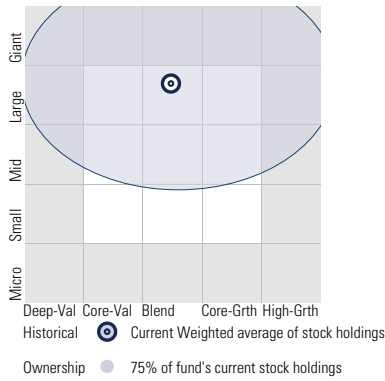
	Fund	Bmark	Cat
Price/Earnings Ratio	14.18	14.47	14.15
Price/Book Ratio	1.61	1.65	1.68
Avg Eff Duration	5.89	8.22	5.17

# Vanguard Target Retirement 2015 Inv VTXVX

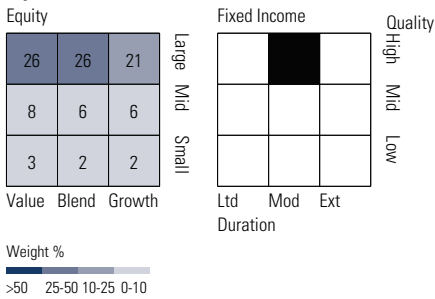
**Morningstar Category**  
Target-Date 2015

**Morningstar Index**  
Morningstar Lifetime Mod 2015 TR USD

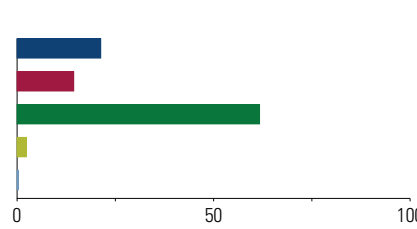
**Style Analysis** as of 03-31-2020  
Morningstar Style Box™



**Style Breakdown**

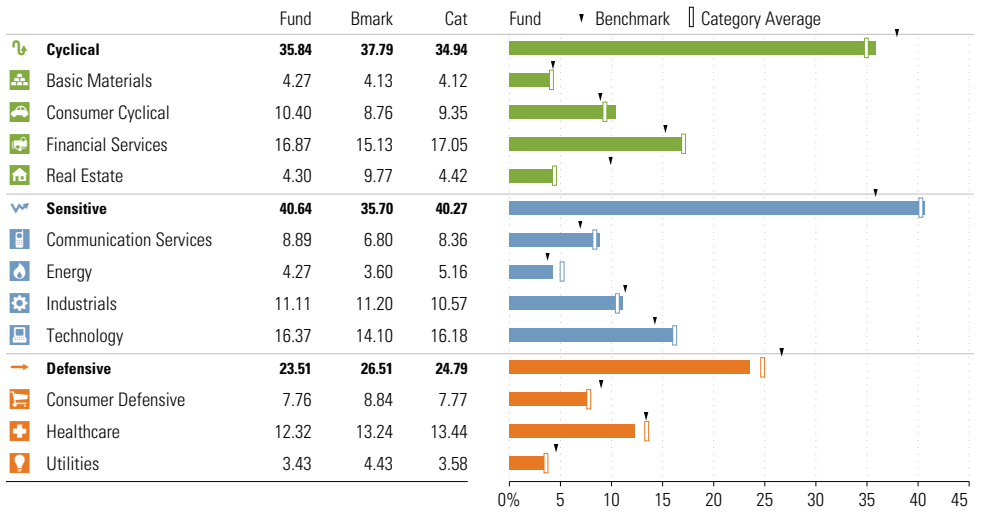


**Asset Allocation** as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	21.27	25.55
Non-US Stocks	14.40	14.57
Bonds	61.69	50.74
Cash	2.33	5.64
Other	0.30	3.49
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 03-31-2020



**Top 6 Holdings** as of 03-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Bond Market II Idx Inv	-	35.06	35.06	-	-
⊕ Vanguard Total Stock Mkt Idx Inv	-	21.65	56.71	-	-
⊖ Vanguard Total Intl Bd Idx Investor	-	14.98	71.69	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	14.54	86.23	-	-
⊖ Vanguard Shrt-Term Infl-Prot Sec Idx Inv	-	13.67	99.89	-	-
⊕ Cmt Market Liquidity Rate	-	0.11	100.00	-	-

**Total Holdings 6**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2020 Inv VTWNX

**Morningstar Category**  
Target-Date 2020

**Morningstar Index**  
Morningstar Lifetime Mod 2020 TR USD

## Portfolio Manager(s)

Walter Nejman since 02-2013  
William Coleman since 02-2013

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2020 category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 7.11 years.

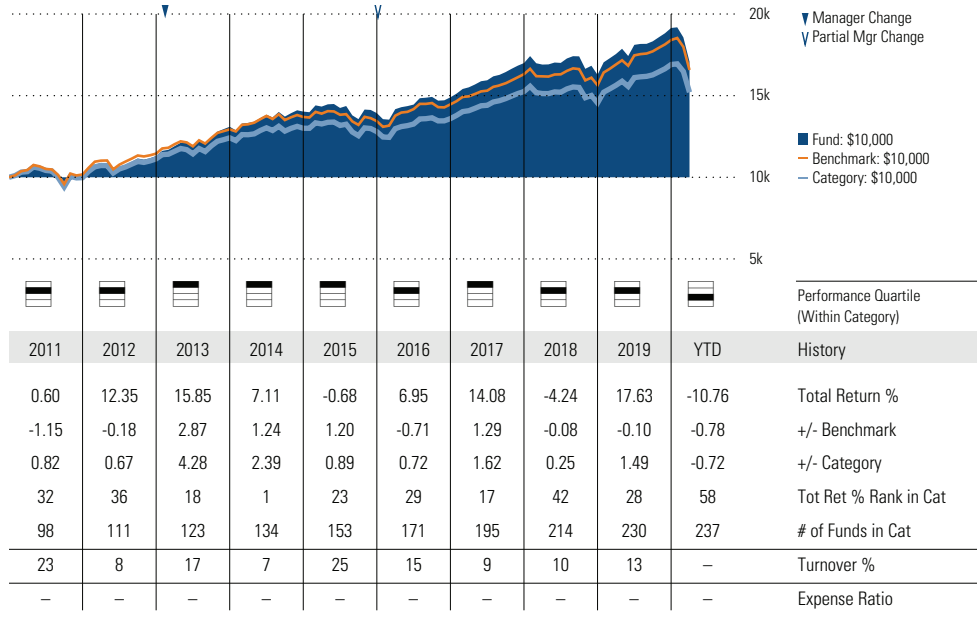
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.13 is 82.43% lower than the Target-Date 2020 category average.

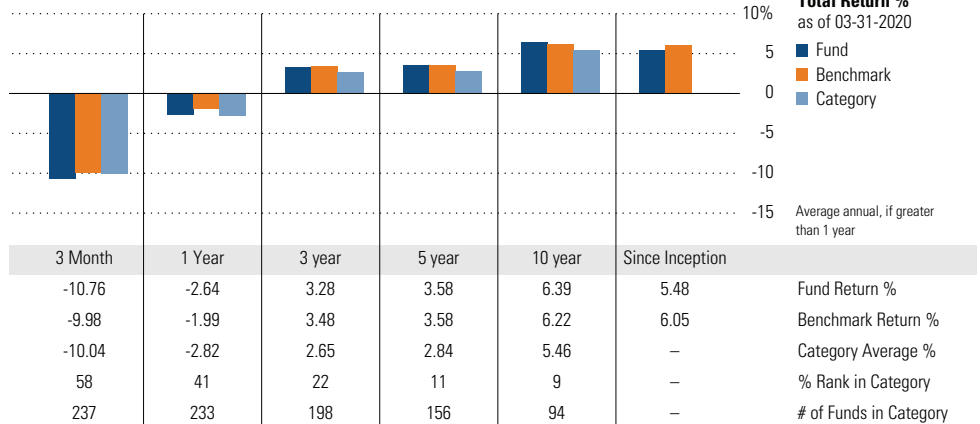
## Morningstar Investment Management LLC Analysis

This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

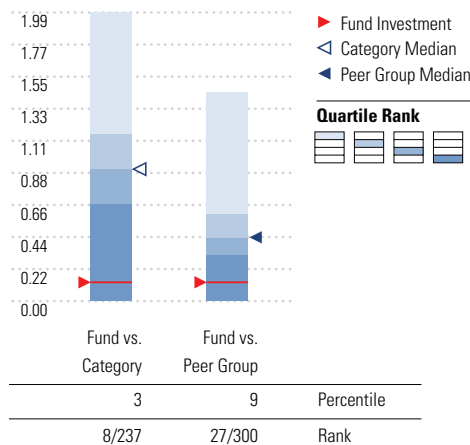
## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.30	-	-0.81
Beta	1.04	-	0.94
R-Squared	98.99	-	95.73
Standard Deviation	8.04	7.72	7.38
Sharpe Ratio	0.23	0.26	0.12
Tracking Error	0.85	-	1.75
Information Ratio	-0.23	-	-0.67
Up Capture Ratio	102.83	-	88.03
Down Capture Ratio	106.41	-	95.97

## Portfolio Metrics

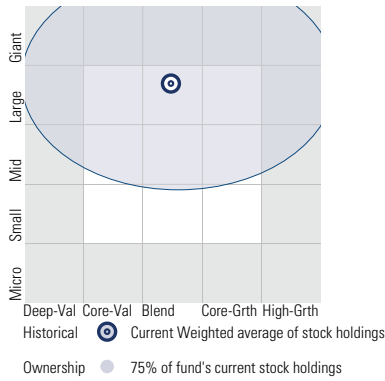
	Fund	Bmark	Cat
Price/Earnings Ratio	14.17	14.39	14.99
Price/Book Ratio	1.61	1.64	1.81
Avg Eff Duration	6.15	9.28	5.23

# Vanguard Target Retirement 2020 Inv VTWNX

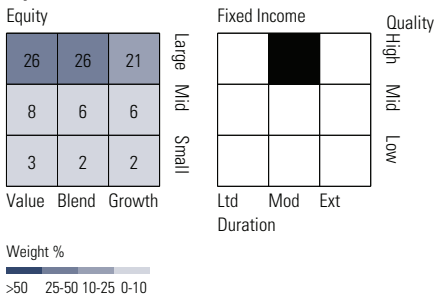
**Morningstar Category**  
Target-Date 2020

**Morningstar Index**  
Morningstar Lifetime Mod 2020 TR USD

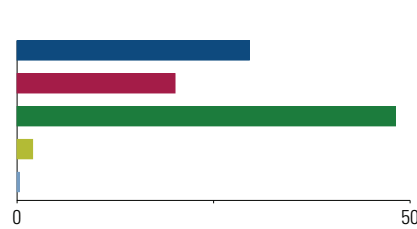
**Style Analysis** as of 03-31-2020  
Morningstar Style Box™



**Style Breakdown**

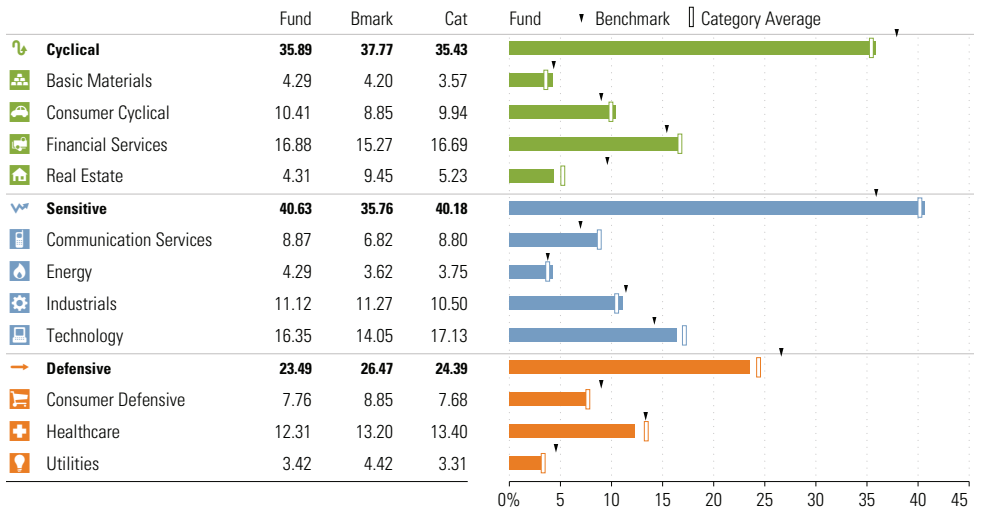


**Asset Allocation** as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	29.54	28.56
Non-US Stocks	20.09	13.10
Bonds	48.14	47.35
Cash	1.97	4.39
Other	0.27	6.60
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 03-31-2020



**Top 6 Holdings** as of 03-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Inv	-	30.06	30.06	-	-
⊖ Vanguard Total Bond Market II Idx Inv	-	29.55	59.60	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	20.29	79.89	-	-
⊖ Vanguard Total Intl Bd Idx Investor	-	12.52	92.41	-	-
⊖ Vanguard Shrt-Term Infl-Prot Sec Idx Inv	-	7.47	99.88	-	-
⊕ Cmt Market Liquidity Rate	-	0.12	100.00	-	-

**Total Holdings 6**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2020 Inv VTWNX

**Morningstar Category**  
Target-Date 2020

**Morningstar Index**  
Morningstar Lifetime Mod 2020 TR USD

## Portfolio Manager(s)

Walter Nejman since 02-2013  
William Coleman since 02-2013

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2020 category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 7.11 years.

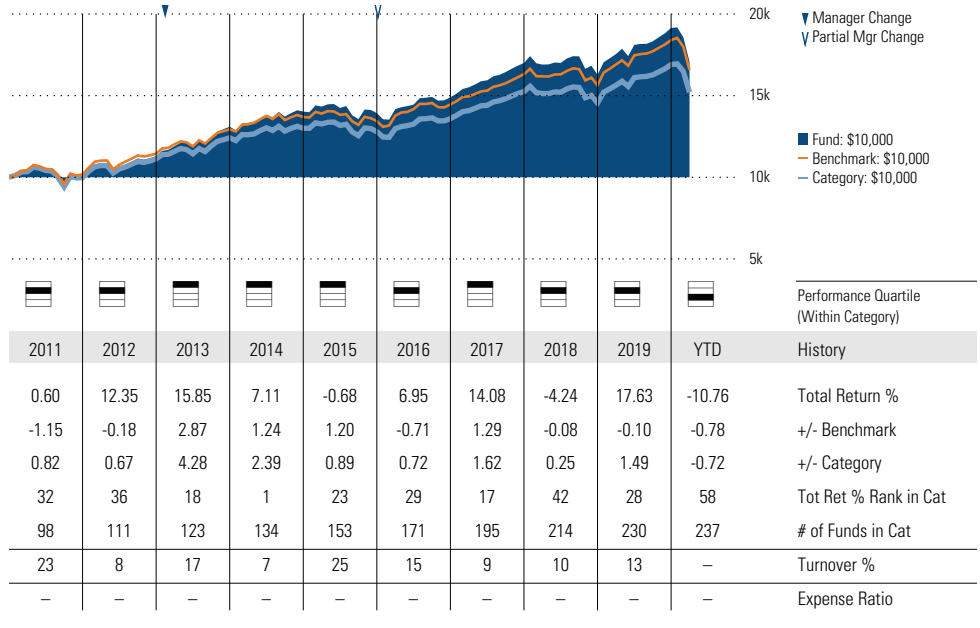
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.13 is 82.43% lower than the Target-Date 2020 category average.

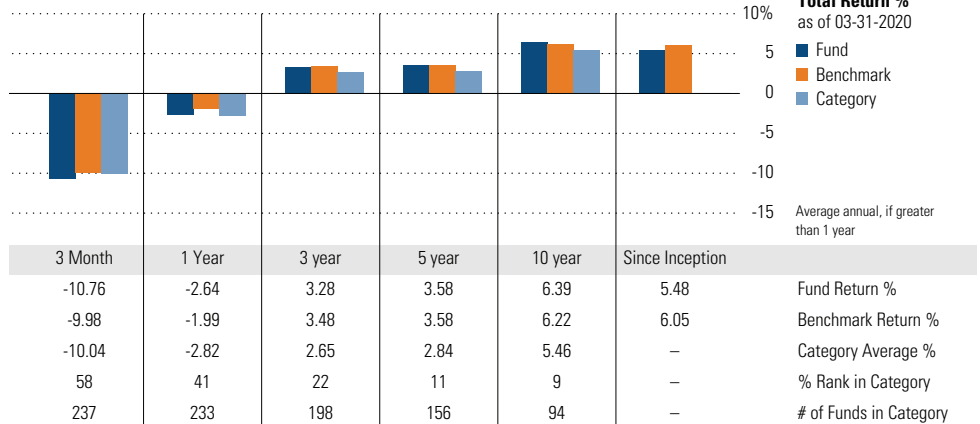
## Morningstar Investment Management LLC Analysis

This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

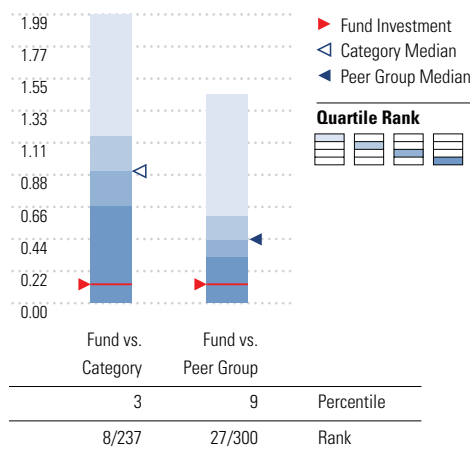
## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.30	-	-0.81
Beta	1.04	-	0.94
R-Squared	98.99	-	95.73
Standard Deviation	8.04	7.72	7.38
Sharpe Ratio	0.23	0.26	0.12
Tracking Error	0.85	-	1.75
Information Ratio	-0.23	-	-0.67
Up Capture Ratio	102.83	-	88.03
Down Capture Ratio	106.41	-	95.97

## Portfolio Metrics

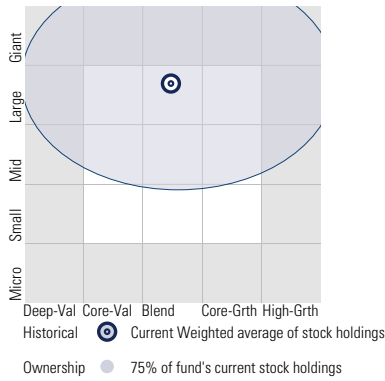
	Fund	Bmark	Cat
Price/Earnings Ratio	14.17	14.39	14.99
Price/Book Ratio	1.61	1.64	1.81
Avg Eff Duration	6.15	9.28	5.23

# Vanguard Target Retirement 2020 Inv VTWNX

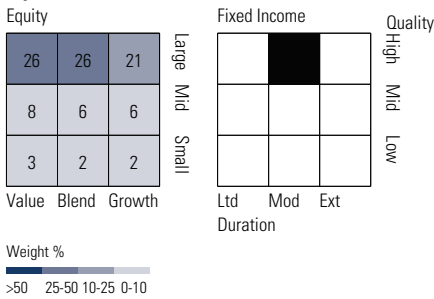
**Morningstar Category**  
Target-Date 2020

**Morningstar Index**  
Morningstar Lifetime Mod 2020 TR USD

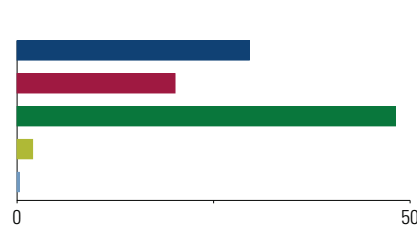
**Style Analysis** as of 03-31-2020  
Morningstar Style Box™



**Style Breakdown**

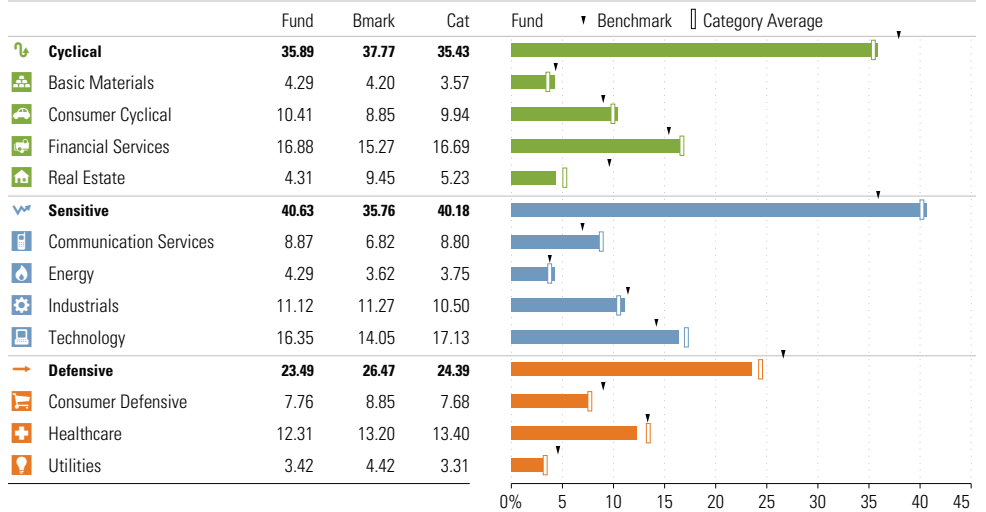


**Asset Allocation** as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	29.54	28.56
Non-US Stocks	20.09	13.10
Bonds	48.14	47.35
Cash	1.97	4.39
Other	0.27	6.60
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 03-31-2020



**Top 6 Holdings** as of 03-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Inv	-	30.06	30.06	-	-
⊖ Vanguard Total Bond Market II Idx Inv	-	29.55	59.60	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	20.29	79.89	-	-
⊖ Vanguard Total Intl Bd Idx Investor	-	12.52	92.41	-	-
⊖ Vanguard Shrt-Term Infl-Prot Sec Idx Inv	-	7.47	99.88	-	-
⊕ Cmt Market Liquidity Rate	-	0.12	100.00	-	-

**Total Holdings 6**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2025 Inv VTTVX

Morningstar Category  
Target-Date 2025

Morningstar Index  
Morningstar Lifetime Mod 2025 TR  
USD

## Portfolio Manager(s)

Walter Nejman since 02-2013  
William Coleman since 02-2013

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2025 category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 7.11 years.

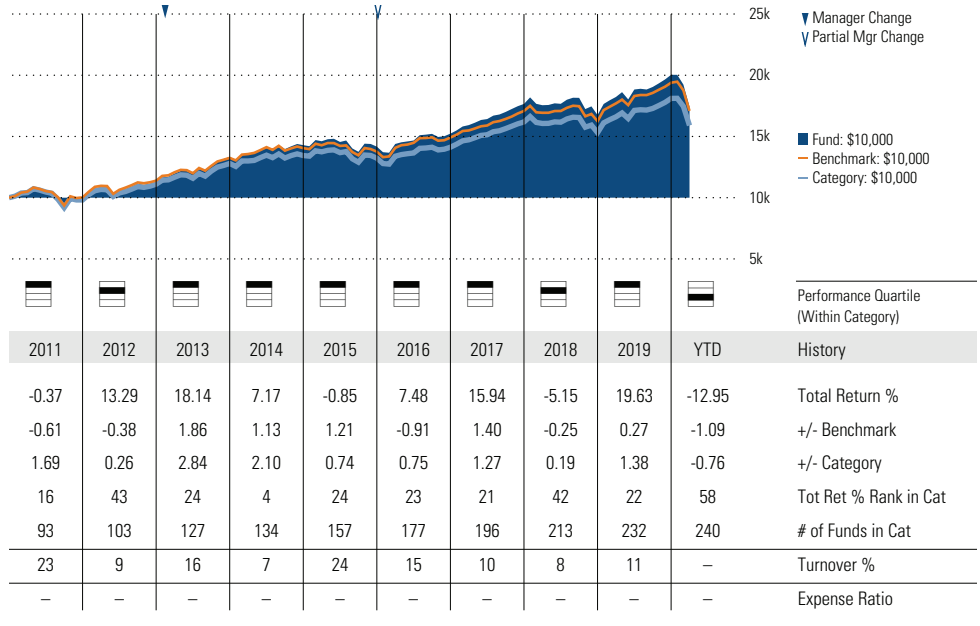
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.13 is 82.19% lower than the Target-Date 2025 category average.

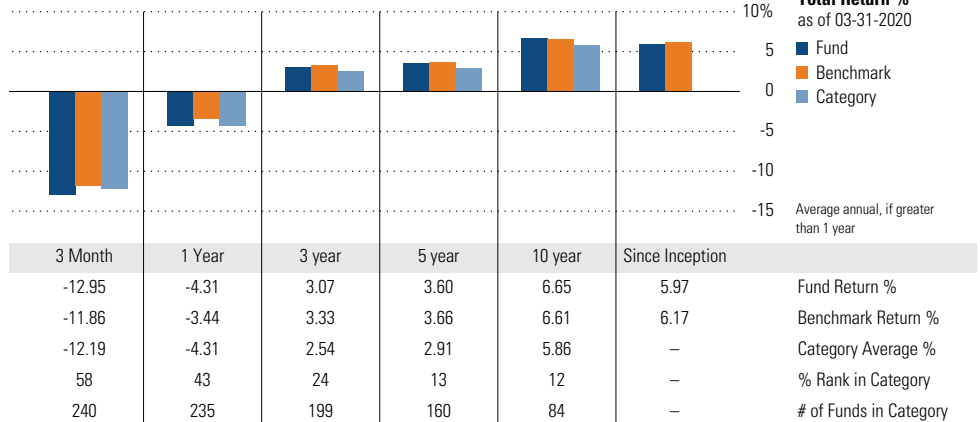
## Morningstar Investment Management LLC Analysis

This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

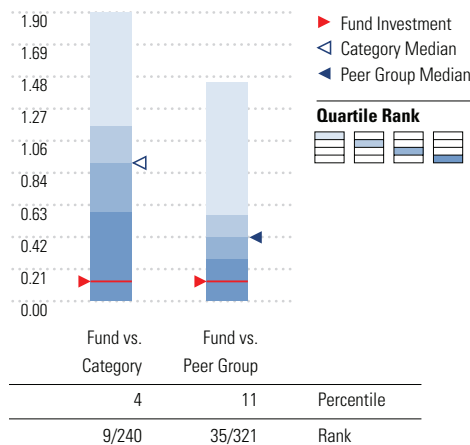
## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.43	-	-0.89
Beta	1.06	-	1.00
R-Squared	99.21	-	97.87
Standard Deviation	9.43	8.84	8.91
Sharpe Ratio	0.18	0.22	0.12
Tracking Error	1.00	-	1.56
Information Ratio	-0.26	-	-0.66
Up Capture Ratio	105.58	-	94.97
Down Capture Ratio	110.08	-	103.01

## Portfolio Metrics

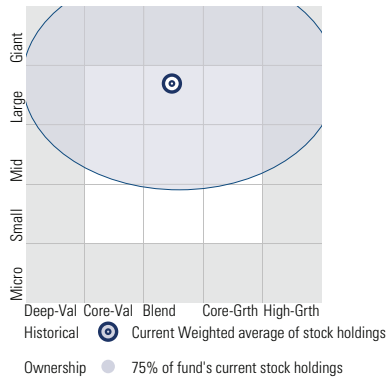
	Fund	Bmark	Cat
Price/Earnings Ratio	14.17	14.31	15.14
Price/Book Ratio	1.61	1.62	1.80
Avg Eff Duration	6.77	10.12	5.54

# Vanguard Target Retirement 2025 Inv VTTVX

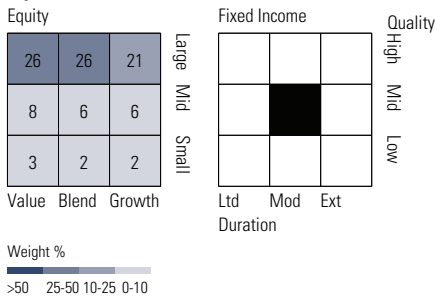
**Morningstar Category**  
Target-Date 2025

**Morningstar Index**  
Morningstar Lifetime Mod 2025 TR USD

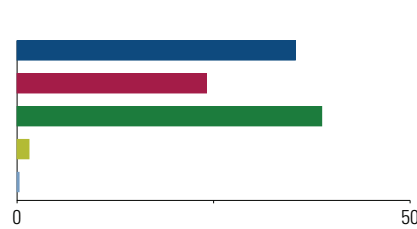
**Style Analysis** as of 03-31-2020  
Morningstar Style Box™



**Style Breakdown**



**Asset Allocation** as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	35.39	33.37
Non-US Stocks	24.09	16.97
Bonds	38.75	37.55
Cash	1.51	3.45
Other	0.25	8.66
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 03-31-2020

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>35.88</b>	<b>37.69</b>	<b>35.21</b>			
Basic Materials	4.28	4.29	3.74			
Consumer Cyclical	10.42	8.94	9.94			
Financial Services	16.88	15.40	16.21			
Real Estate	4.30	9.06	5.32			
<b>Sensitive</b>	<b>40.62</b>	<b>35.90</b>	<b>39.79</b>			
Communication Services	8.89	6.86	8.79			
Energy	4.28	3.66	3.49			
Industrials	11.11	11.36	10.36			
Technology	16.34	14.02	17.15			
<b>Defensive</b>	<b>23.49</b>	<b>26.43</b>	<b>24.99</b>			
Consumer Defensive	7.76	8.87	7.88			
Healthcare	12.31	13.16	13.56			
Utilities	3.42	4.40	3.55			

**Top 5 Holdings** as of 03-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Inv	—	36.01	36.01	—	—
⊖ Vanguard Total Bond Market II Idx Inv	—	27.79	63.80	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	24.33	88.13	—	—
⊖ Vanguard Total Intl Bd Idx Investor	—	11.75	99.89	—	—
⊕ Cmt Market Liquidity Rate	—	0.11	100.00	—	—

**Total Holdings** 5

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# Vanguard Target Retirement 2025 Inv VTTVX

**Morningstar Category**  
Target-Date 2025

**Morningstar Index**  
Morningstar Lifetime Mod 2025 TR USD

## Portfolio Manager(s)

Walter Nejman since 02-2013  
William Coleman since 02-2013

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2025 category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 7.11 years.

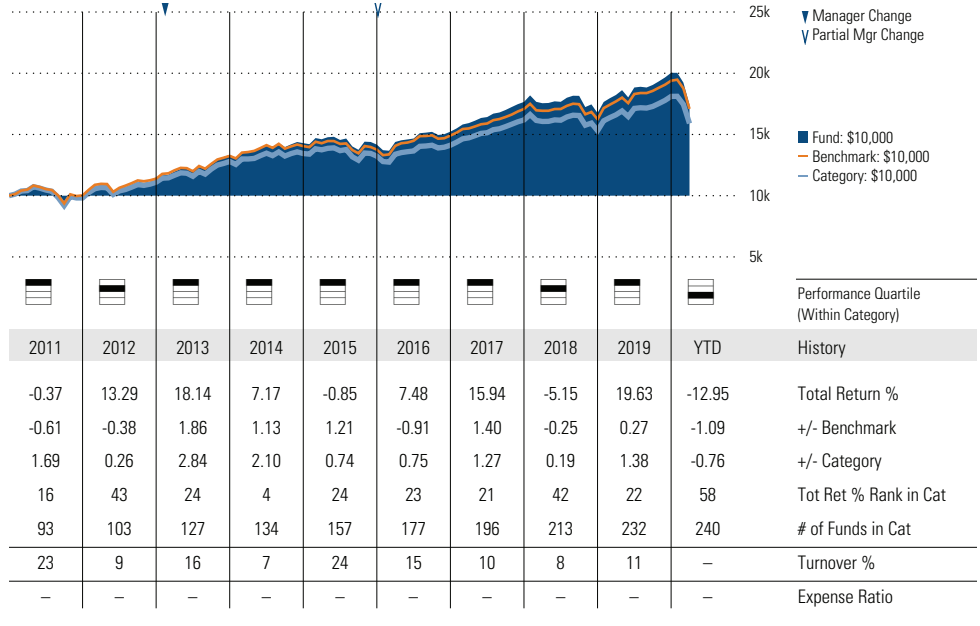
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.13 is 82.19% lower than the Target-Date 2025 category average.

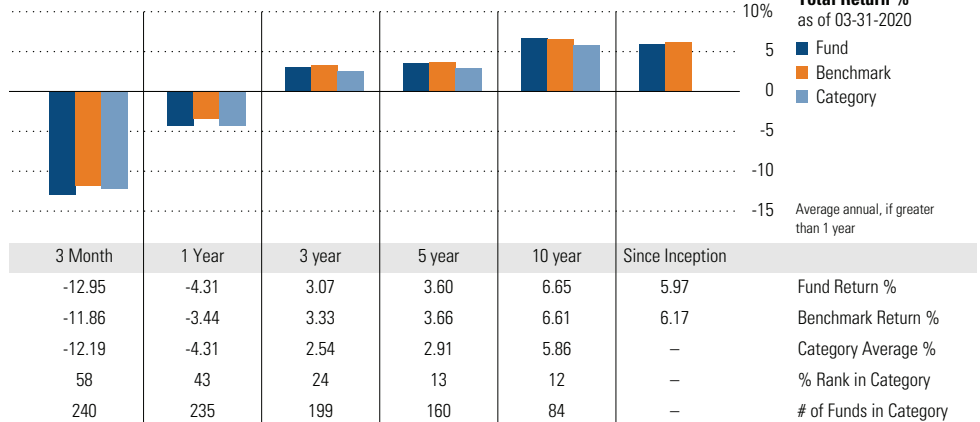
## Morningstar Investment Management LLC Analysis

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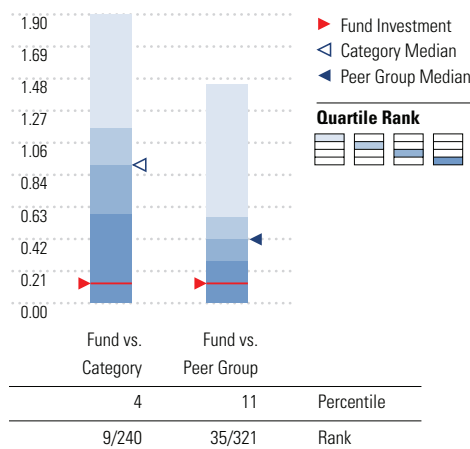
## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.43	-	-0.89
Beta	1.06	-	1.00
R-Squared	99.21	-	97.87
Standard Deviation	9.43	8.84	8.91
Sharpe Ratio	0.18	0.22	0.12
Tracking Error	1.00	-	1.56
Information Ratio	-0.26	-	-0.66
Up Capture Ratio	105.58	-	94.97
Down Capture Ratio	110.08	-	103.01

## Portfolio Metrics

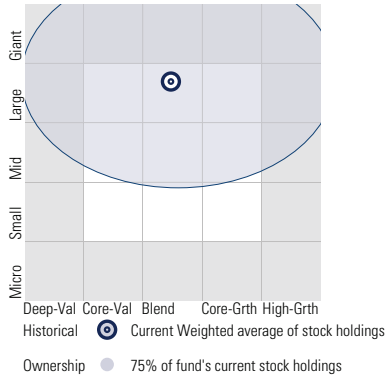
	Fund	Bmark	Cat
Price/Earnings Ratio	14.17	14.31	15.14
Price/Book Ratio	1.61	1.62	1.80
Avg Eff Duration	6.77	10.12	5.54

# Vanguard Target Retirement 2025 Inv VTTVX

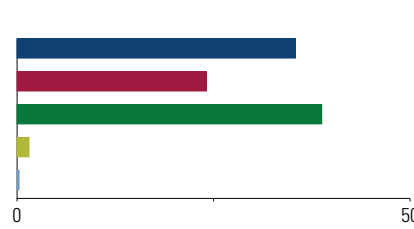
**Morningstar Category**  
Target-Date 2025

**Morningstar Index**  
Morningstar Lifetime Mod 2025 TR USD

**Style Analysis** as of 03-31-2020  
Morningstar Style Box™

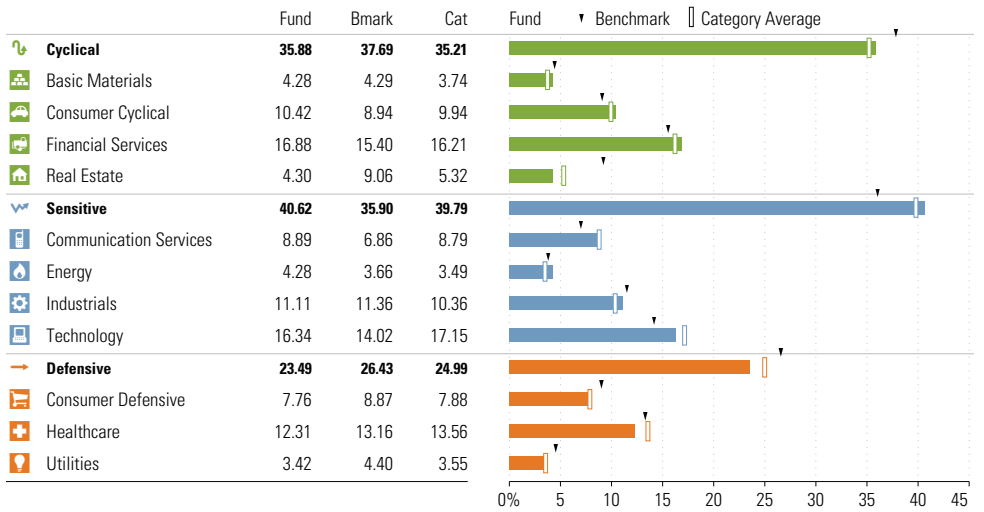


**Asset Allocation** as of 03-31-2020

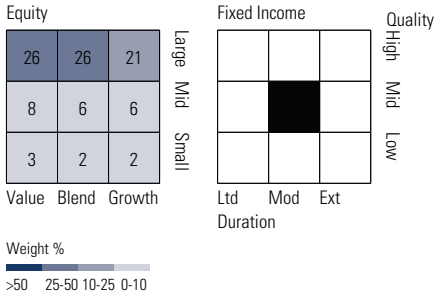


Asset Class	Net %	Cat%
US Stocks	35.39	33.37
Non-US Stocks	24.09	16.97
Bonds	38.75	37.55
Cash	1.51	3.45
Other	0.25	8.66
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 03-31-2020



**Style Breakdown**



**Top 5 Holdings** as of 03-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Inv	—	36.01	36.01	—	—
⊖ Vanguard Total Bond Market II Idx Inv	—	27.79	63.80	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	24.33	88.13	—	—
⊖ Vanguard Total Intl Bd Idx Investor	—	11.75	99.89	—	—
⊕ Cmt Market Liquidity Rate	—	0.11	100.00	—	—

**Total Holdings 5**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2030 Inv VTHRX

Morningstar Category  
Target-Date 2030

Morningstar Index  
Morningstar Lifetime Mod 2030 TR  
USD

## Portfolio Manager(s)

Walter Nejman since 02-2013  
William Coleman since 02-2013

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2030 category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 7.11 years.

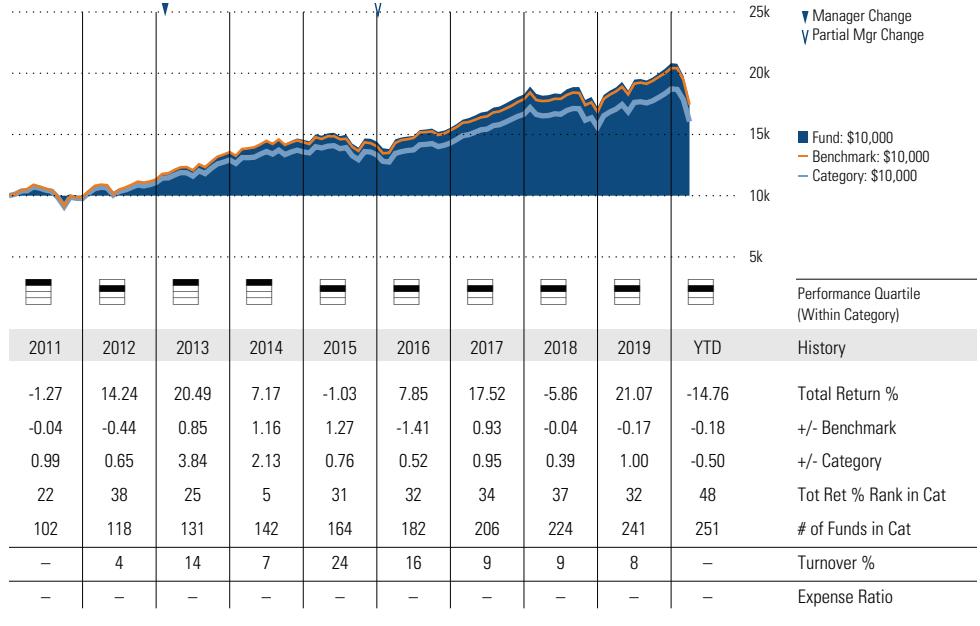
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.14 is 81.58% lower than the Target-Date 2030 category average.

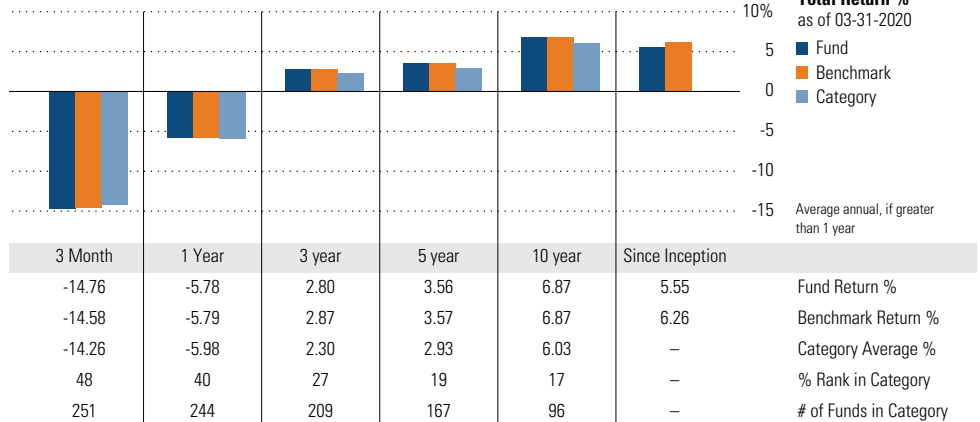
## Morningstar Investment Management LLC Analysis

This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

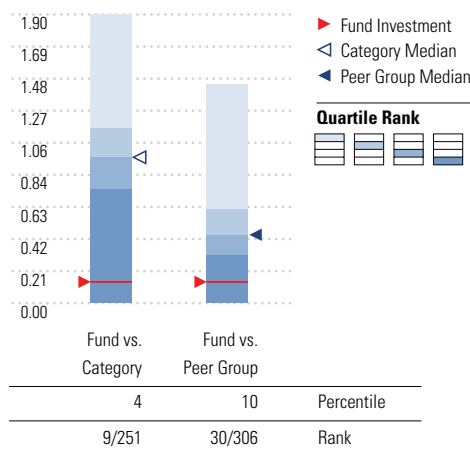
## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.10	-	-0.67
Beta	1.02	-	0.98
R-Squared	99.52	-	97.56
Standard Deviation	10.57	10.38	10.29
Sharpe Ratio	0.15	0.16	0.09
Tracking Error	0.75	-	1.67
Information Ratio	-0.09	-	-0.50
Up Capture Ratio	103.21	-	96.29
Down Capture Ratio	104.50	-	101.86

## Portfolio Metrics

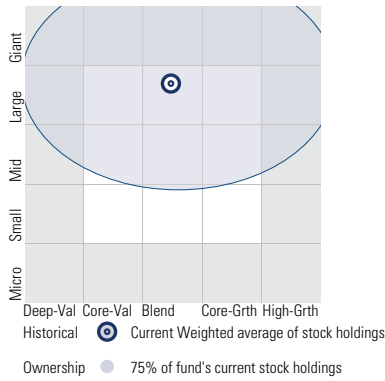
	Fund	Bmark	Cat
Price/Earnings Ratio	14.17	14.21	15.01
Price/Book Ratio	1.61	1.61	1.78
Avg Eff Duration	6.77	10.74	5.64

# Vanguard Target Retirement 2030 Inv VTHRX

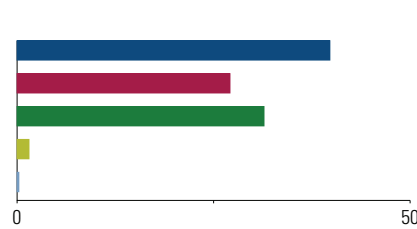
**Morningstar Category**  
Target-Date 2030

**Morningstar Index**  
Morningstar Lifetime Mod 2030 TR USD

**Style Analysis** as of 03-31-2020  
Morningstar Style Box™

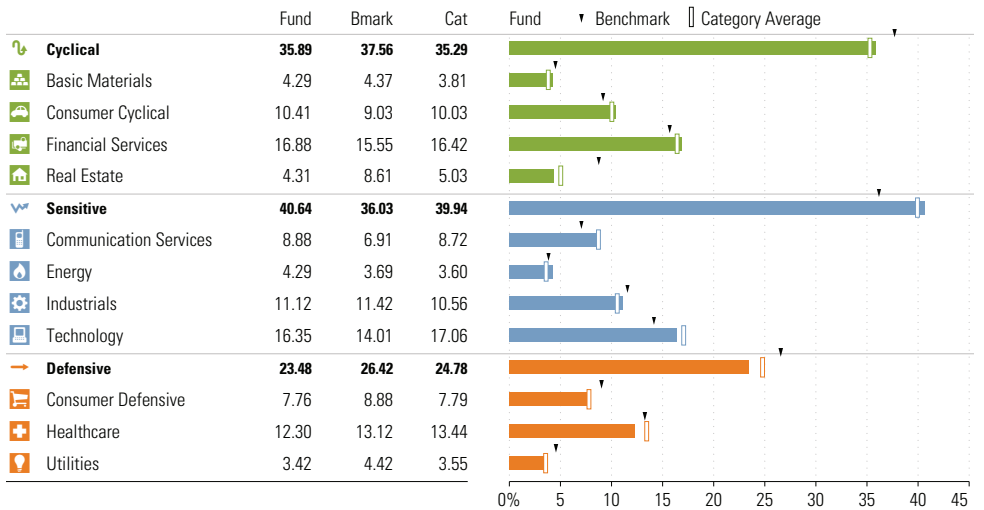


**Asset Allocation** as of 03-31-2020

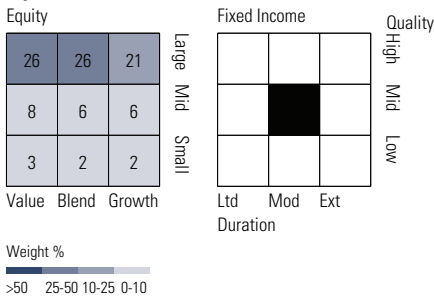


Asset Class	Net %	Cat%
US Stocks	39.79	39.62
Non-US Stocks	27.08	20.98
Bonds	31.41	28.38
Cash	1.51	3.13
Other	0.22	7.87
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 03-31-2020



**Style Breakdown**



**Top 5 Holdings** as of 03-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Inv	-	40.49	40.49	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	27.35	67.84	-	-
⊖ Vanguard Total Bond Market II Idx Inv	-	22.53	90.37	-	-
⊖ Vanguard Total Intl Bd Idx Investor	-	9.51	99.88	-	-
⊕ Cmt Market Liquidity Rate	-	0.12	100.00	-	-

**Total Holdings 5**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2030 Inv VTHRX

Morningstar Category  
Target-Date 2030

Morningstar Index  
Morningstar Lifetime Mod 2030 TR  
USD

## Portfolio Manager(s)

Walter Nejman since 02-2013  
William Coleman since 02-2013

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2030 category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 7.11 years.

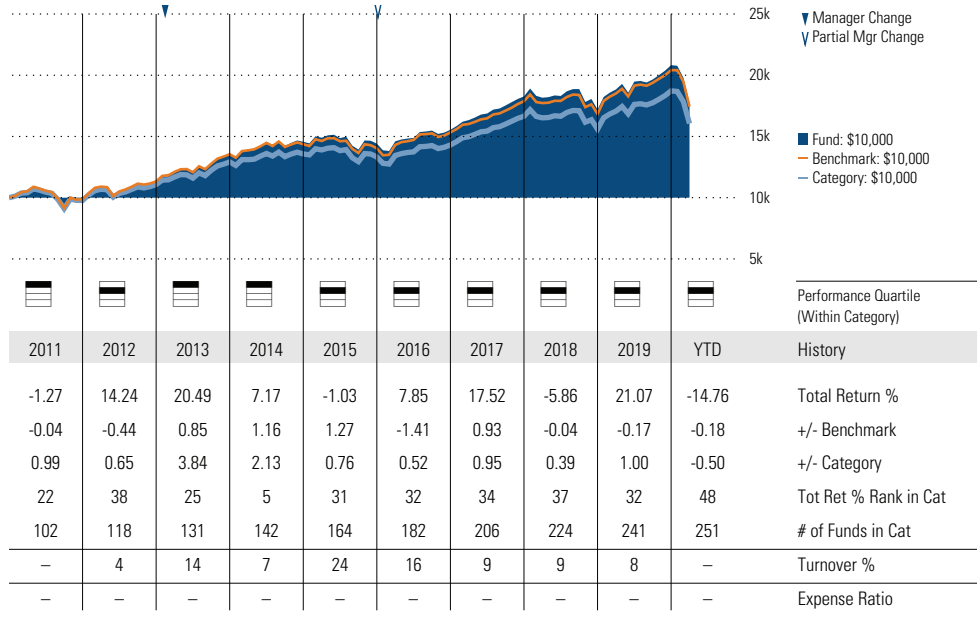
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.14 is 81.58% lower than the Target-Date 2030 category average.

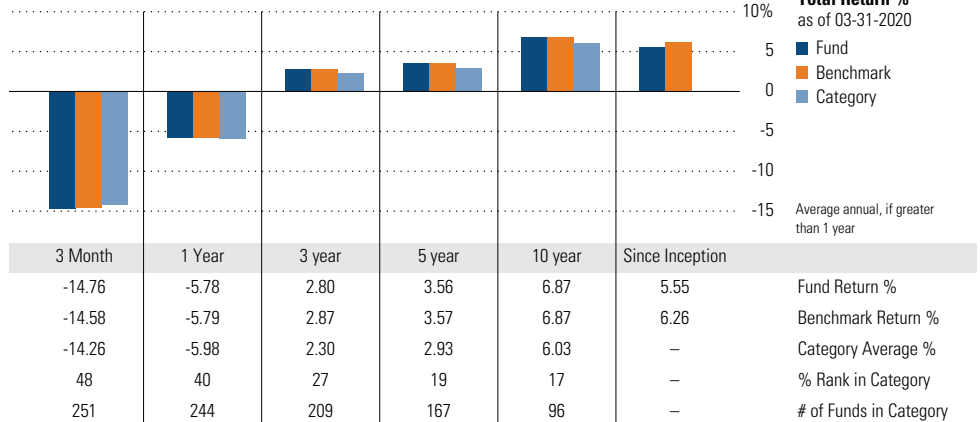
## Morningstar Investment Management LLC Analysis

This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

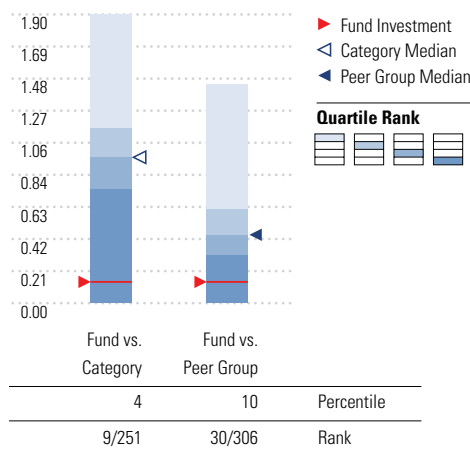
## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-0.10	-	-0.67
Beta	1.02	-	0.98
R-Squared	99.52	-	97.56
Standard Deviation	10.57	10.38	10.29
Sharpe Ratio	0.15	0.16	0.09
Tracking Error	0.75	-	1.67
Information Ratio	-0.09	-	-0.50
Up Capture Ratio	103.21	-	96.29
Down Capture Ratio	104.50	-	101.86

## Portfolio Metrics

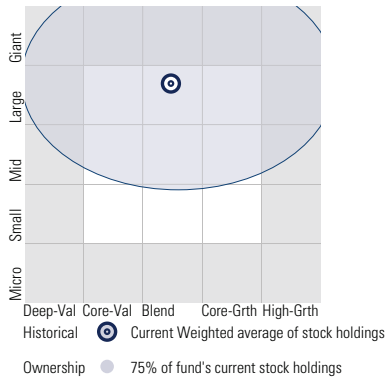
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	14.17	14.21	15.01
Price/Book Ratio	1.61	1.61	1.78
Avg Eff Duration	6.77	10.74	5.64

# Vanguard Target Retirement 2030 Inv VTHRX

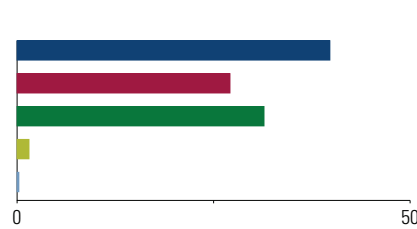
**Morningstar Category**  
Target-Date 2030

**Morningstar Index**  
Morningstar Lifetime Mod 2030 TR USD

**Style Analysis** as of 03-31-2020  
Morningstar Style Box™

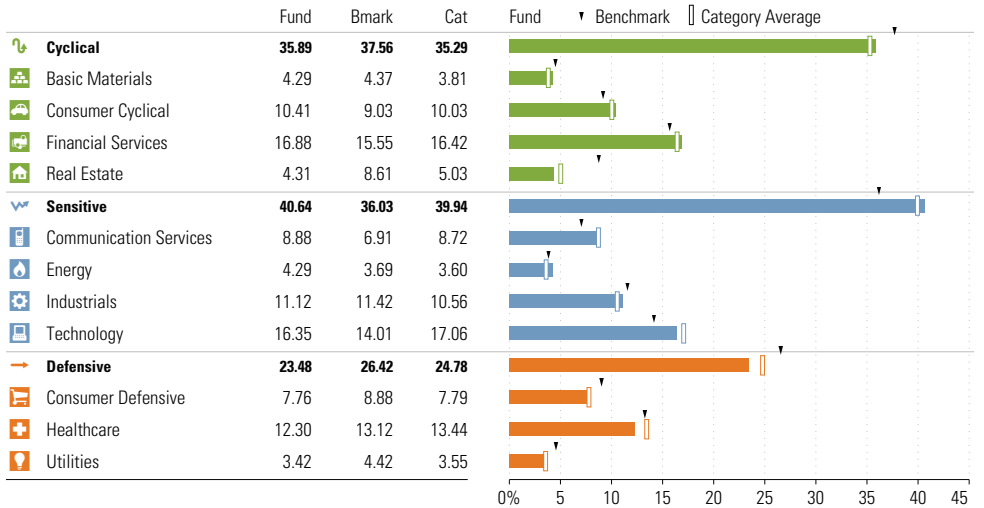


**Asset Allocation** as of 03-31-2020

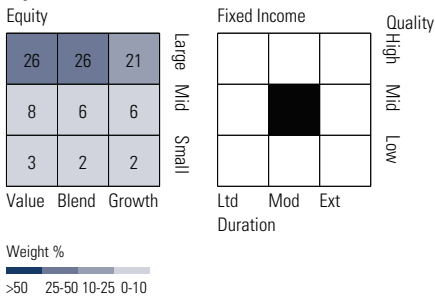


Asset Class	Net %	Cat%
US Stocks	39.79	39.62
Non-US Stocks	27.08	20.98
Bonds	31.41	28.38
Cash	1.51	3.13
Other	0.22	7.87
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 03-31-2020



**Style Breakdown**



**Top 5 Holdings** as of 03-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Inv	-	40.49	40.49	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	27.35	67.84	-	-
⊖ Vanguard Total Bond Market II Idx Inv	-	22.53	90.37	-	-
⊖ Vanguard Total Intl Bd Idx Investor	-	9.51	99.88	-	-
⊕ Cmt Market Liquidity Rate	-	0.12	100.00	-	-

**Total Holdings 5**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2035 Inv VTTHX

**Morningstar Category**  
Target-Date 2035

**Morningstar Index**  
Morningstar Lifetime Mod 2035 TR USD

## Portfolio Manager(s)

Walter Nejman since 02-2013  
William Coleman since 02-2013

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2035 category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 7.11 years.

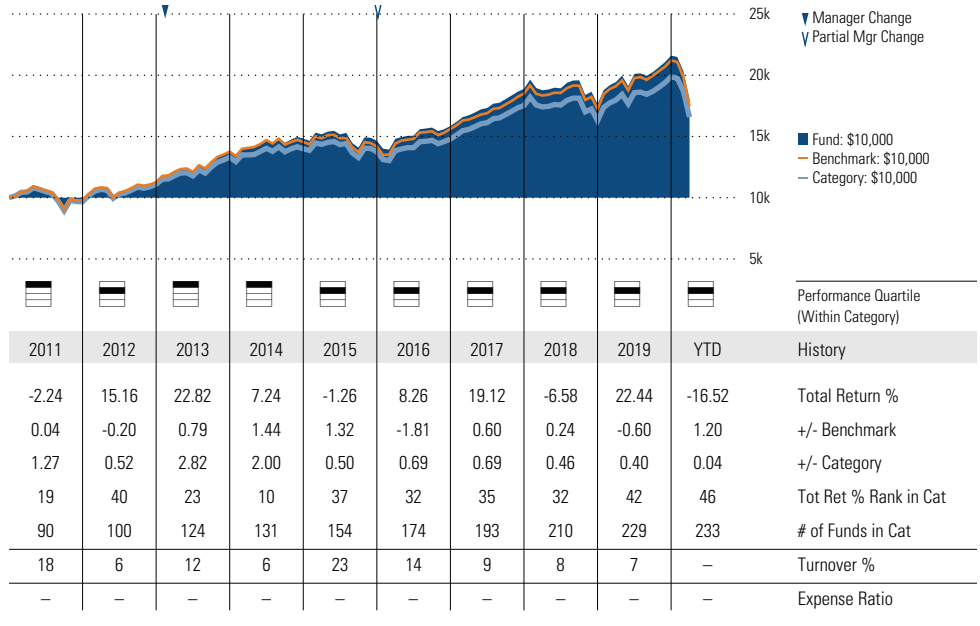
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.14 is 81.33% lower than the Target-Date 2035 category average.

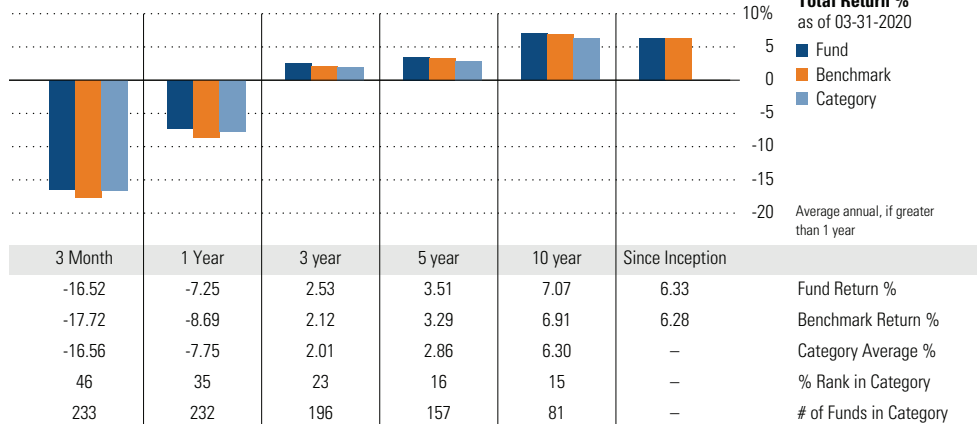
## Morningstar Investment Management LLC Analysis

This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

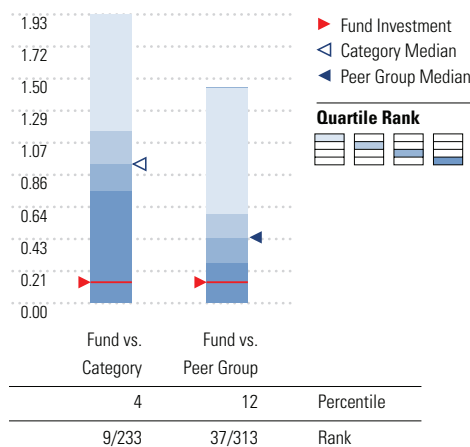
## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.46	-	-0.19
Beta	0.97	-	0.97
R-Squared	99.61	-	98.72
Standard Deviation	11.69	12.09	11.83
Sharpe Ratio	0.12	0.09	0.07
Tracking Error	0.84	-	1.55
Information Ratio	0.50	-	-0.26
Up Capture Ratio	99.79	-	97.15
Down Capture Ratio	96.87	-	98.53

## Portfolio Metrics

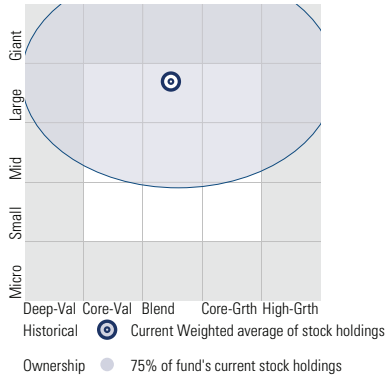
	Fund	Bmark	Cat
Price/Earnings Ratio	14.17	14.13	14.95
Price/Book Ratio	1.61	1.59	1.77
Avg Eff Duration	6.77	10.92	5.76

# Vanguard Target Retirement 2035 Inv VTTHX

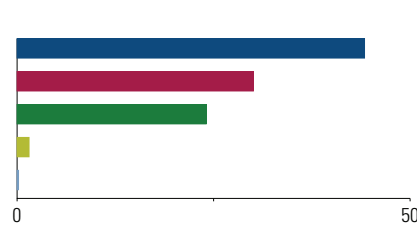
**Morningstar Category**  
Target-Date 2035

**Morningstar Index**  
Morningstar Lifetime Mod 2035 TR USD

**Style Analysis** as of 03-31-2020  
Morningstar Style Box™



**Asset Allocation** as of 03-31-2020

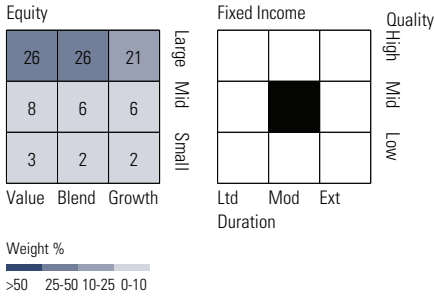


Asset Class	Net %	Cat%
US Stocks	44.20	44.84
Non-US Stocks	30.06	24.61
Bonds	24.05	19.04
Cash	1.52	3.03
Other	0.18	8.48
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 03-31-2020

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>35.86</b>	<b>37.48</b>	<b>35.45</b>			
Basic Materials	4.29	4.45	3.80			
Consumer Cyclical	10.41	9.11	10.07			
Financial Services	16.87	15.69	16.21			
Real Estate	4.29	8.23	5.37			
<b>Sensitive</b>	<b>40.64</b>	<b>36.14</b>	<b>40.00</b>			
Communication Services	8.89	6.95	8.83			
Energy	4.29	3.72	3.59			
Industrials	11.12	11.50	10.46			
Technology	16.34	13.97	17.12			
<b>Defensive</b>	<b>23.48</b>	<b>26.38</b>	<b>24.56</b>			
Consumer Defensive	7.75	8.89	7.65			
Healthcare	12.30	13.08	13.38			
Utilities	3.43	4.41	3.53			

**Style Breakdown**



**Top 5 Holdings** as of 03-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Inv	-	44.97	44.97	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	30.36	75.33	-	-
⊖ Vanguard Total Bond Market II Idx Inv	-	17.29	92.62	-	-
⊖ Vanguard Total Intl Bd Idx Investor	-	7.25	99.87	-	-
⊕ Cmt Market Liquidity Rate	-	0.13	100.00	-	-

**Total Holdings 5**

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# Vanguard Target Retirement 2035 Inv VTTHX

**Morningstar Category**  
Target-Date 2035

**Morningstar Index**  
Morningstar Lifetime Mod 2035 TR USD

## Portfolio Manager(s)

Walter Nejman since 02-2013  
William Coleman since 02-2013

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2035 category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 7.11 years.

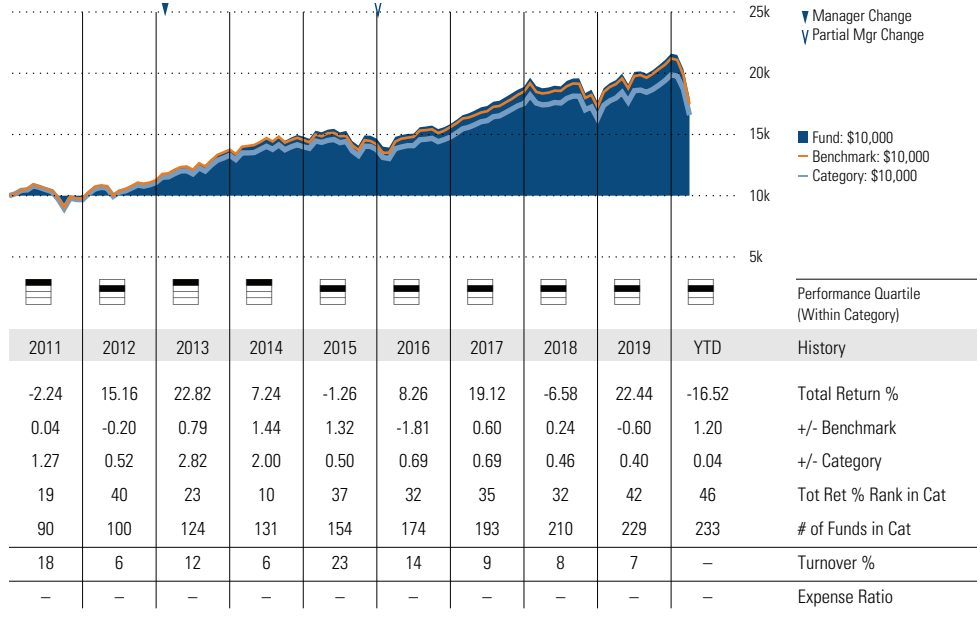
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.14 is 81.33% lower than the Target-Date 2035 category average.

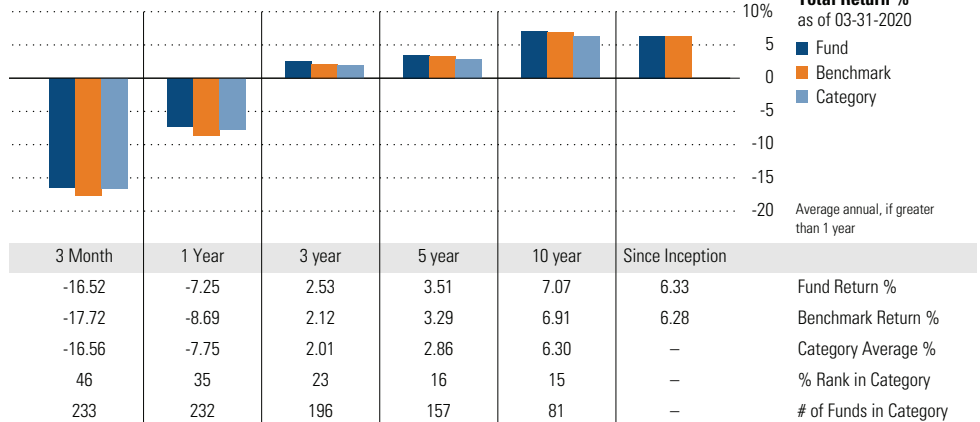
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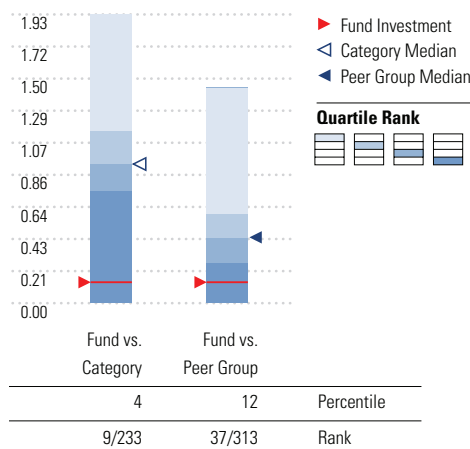
## Growth of \$10,000



## Trailing Performance



## Net Expense



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## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.46	-	-0.19
Beta	0.97	-	0.97
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Standard Deviation	11.69	12.09	11.83
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Tracking Error	0.84	-	1.55
Information Ratio	0.50	-	-0.26
Up Capture Ratio	99.79	-	97.15
Down Capture Ratio	96.87	-	98.53

## Portfolio Metrics

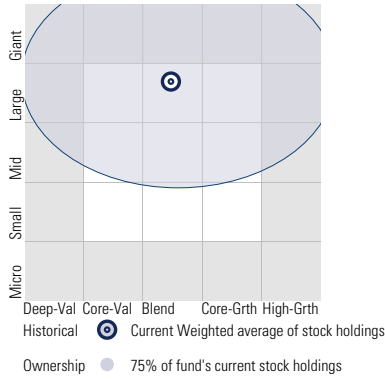
	Fund	Bmark	Cat
Price/Earnings Ratio	14.17	14.13	14.95
Price/Book Ratio	1.61	1.59	1.77
Avg Eff Duration	6.77	10.92	5.76

# Vanguard Target Retirement 2035 Inv VTTHX

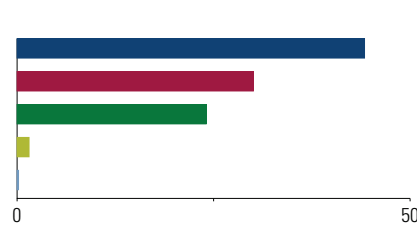
**Morningstar Category**  
Target-Date 2035

**Morningstar Index**  
Morningstar Lifetime Mod 2035 TR USD

**Style Analysis** as of 03-31-2020  
Morningstar Style Box™

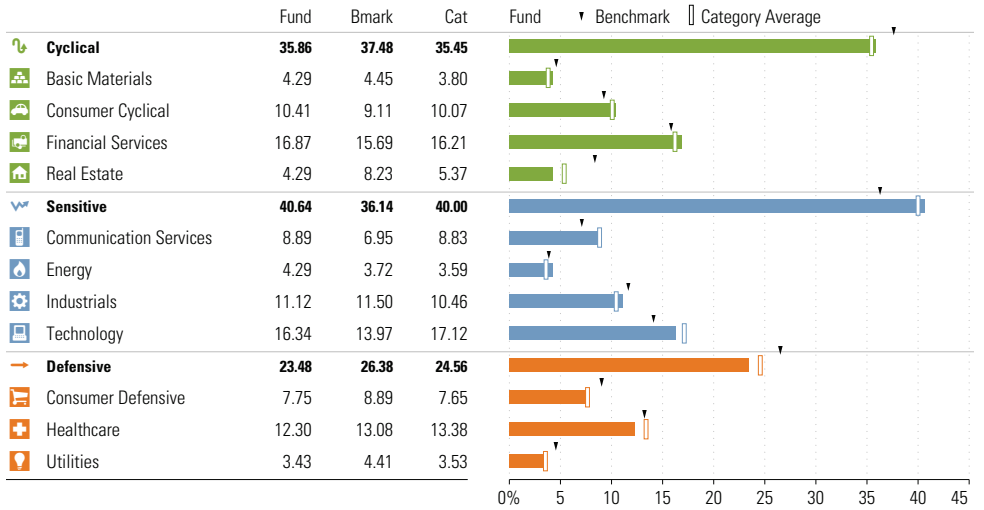


**Asset Allocation** as of 03-31-2020

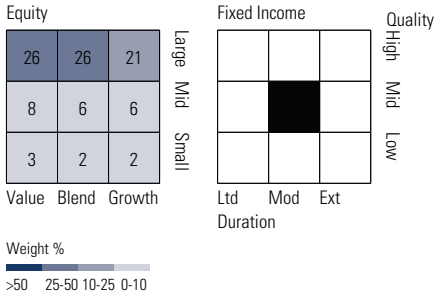


Asset Class	Net %	Cat%
US Stocks	44.20	44.84
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Cash	1.52	3.03
Other	0.18	8.48
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 03-31-2020



**Style Breakdown**



**Top 5 Holdings** as of 03-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Inv	-	44.97	44.97	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	30.36	75.33	-	-
⊖ Vanguard Total Bond Market II Idx Inv	-	17.29	92.62	-	-
⊖ Vanguard Total Intl Bd Idx Investor	-	7.25	99.87	-	-
⊕ Cmt Market Liquidity Rate	-	0.13	100.00	-	-

**Total Holdings 5**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2040 Inv VFORX

Morningstar Category  
Target-Date 2040

Morningstar Index  
Morningstar Lifetime Mod 2040 TR  
USD

## Portfolio Manager(s)

Walter Nejman since 02-2013  
William Coleman since 02-2013

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2040 category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 7.11 years.

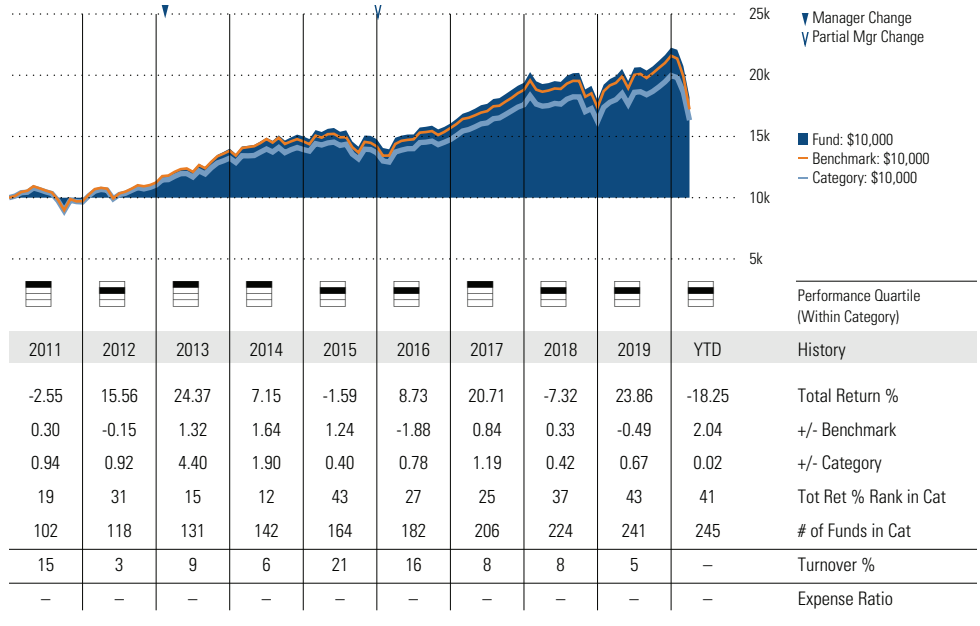
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.14 is 82.05% lower than the Target-Date 2040 category average.

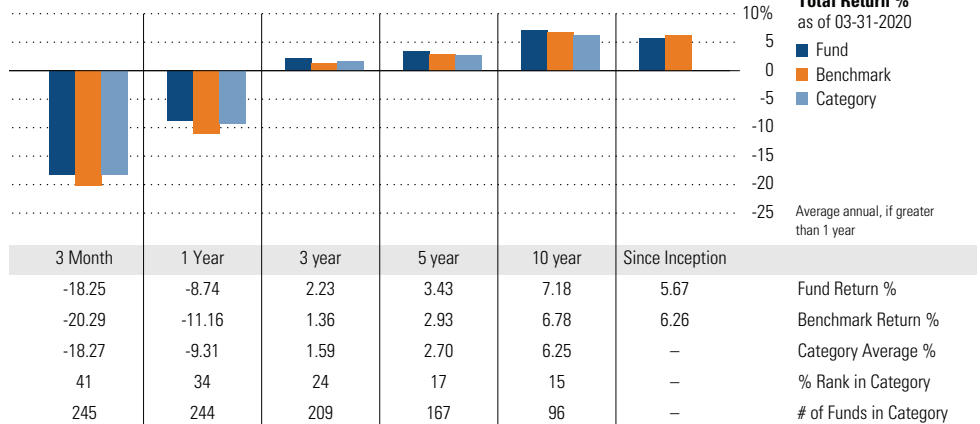
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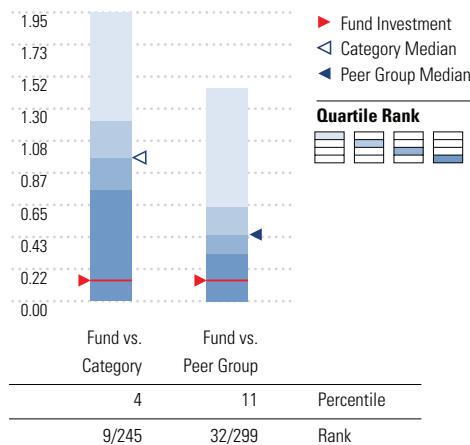
## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	0.88	-	0.13
Beta	0.95	-	0.94
R-Squared	99.54	-	97.91
Standard Deviation	12.83	13.47	12.73
Sharpe Ratio	0.10	0.04	0.04
Tracking Error	1.10	-	1.85
Information Ratio	0.79	-	-0.01
Up Capture Ratio	99.64	-	94.72
Down Capture Ratio	94.34	-	93.91

## Portfolio Metrics

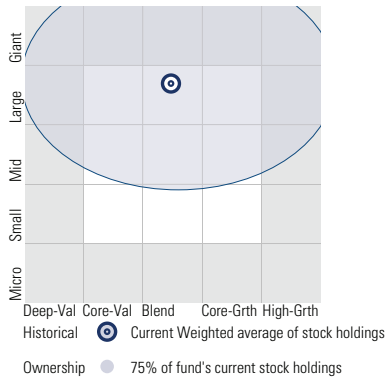
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	14.18	13.30	15.03
Price/Book Ratio	1.61	1.46	1.77
Avg Eff Duration	6.77	11.09	5.80

# Vanguard Target Retirement 2040 Inv VFORX

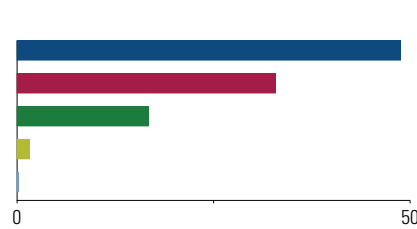
**Morningstar Category**  
Target-Date 2040

**Morningstar Index**  
Morningstar Lifetime Mod 2040 TR USD

**Style Analysis** as of 03-31-2020  
Morningstar Style Box™

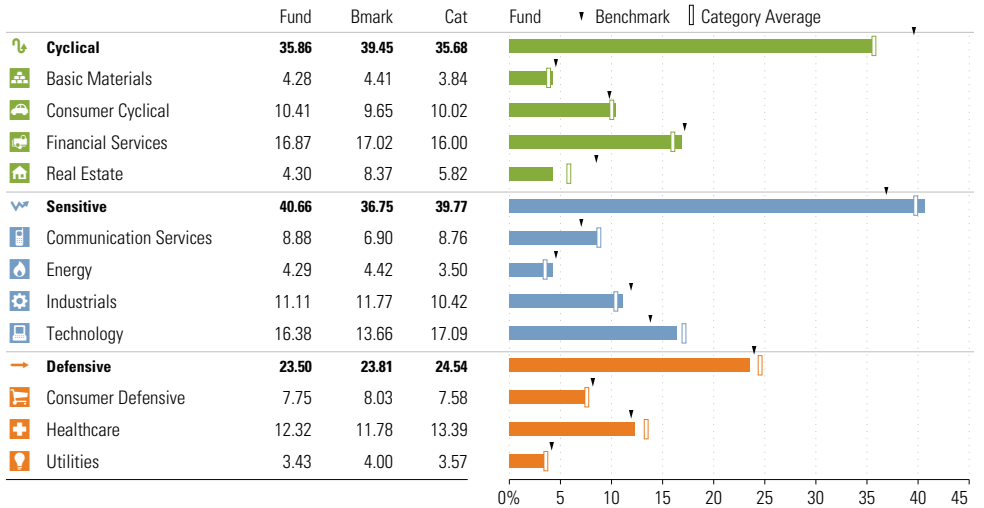


**Asset Allocation** as of 03-31-2020

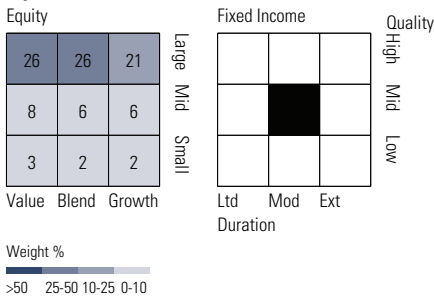


Asset Class	Net %	Cat%
US Stocks	48.77	49.73
Non-US Stocks	32.85	27.58
Bonds	16.68	12.16
Cash	1.55	2.86
Other	0.14	7.67
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 03-31-2020



**Style Breakdown**



**Top 5 Holdings** as of 03-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Inv	-	49.63	49.63	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	33.18	82.81	-	-
⊖ Vanguard Total Bond Market II Idx Inv	-	12.04	94.85	-	-
⊖ Vanguard Total Intl Bd Idx Investor	-	4.99	99.84	-	-
⊕ Cmt Market Liquidity Rate	-	0.16	100.00	-	-

**Total Holdings** 5

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2040 Inv VFORX

Morningstar Category  
Target-Date 2040

Morningstar Index  
Morningstar Lifetime Mod 2040 TR  
USD

## Portfolio Manager(s)

Walter Nejman since 02-2013  
William Coleman since 02-2013

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2040 category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 7.11 years.

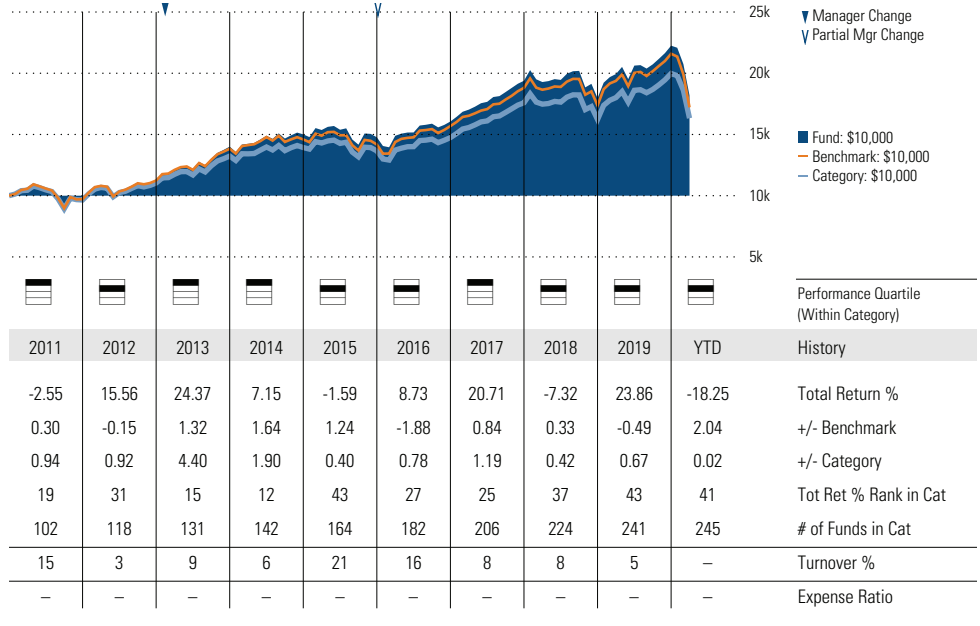
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.14 is 82.05% lower than the Target-Date 2040 category average.

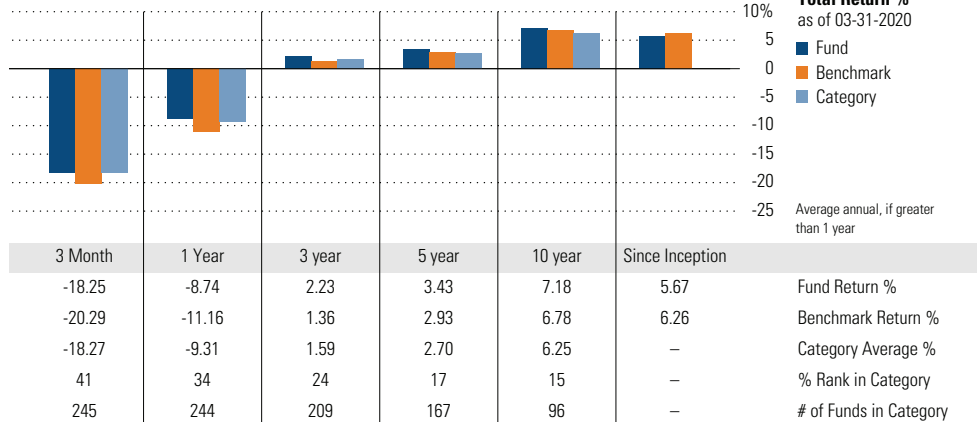
## Morningstar Investment Management LLC Analysis

This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

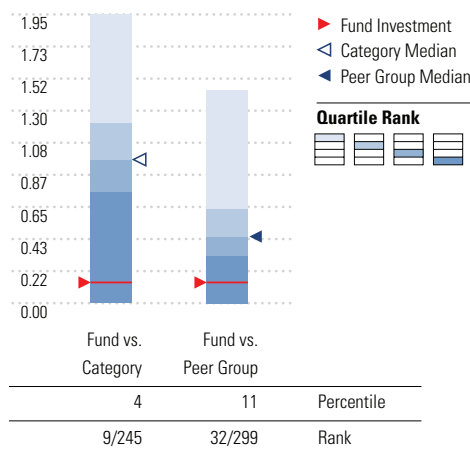
## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.88	-	0.13
Beta	0.95	-	0.94
R-Squared	99.54	-	97.91
Standard Deviation	12.83	13.47	12.73
Sharpe Ratio	0.10	0.04	0.04
Tracking Error	1.10	-	1.85
Information Ratio	0.79	-	-0.01
Up Capture Ratio	99.64	-	94.72
Down Capture Ratio	94.34	-	93.91

## Portfolio Metrics

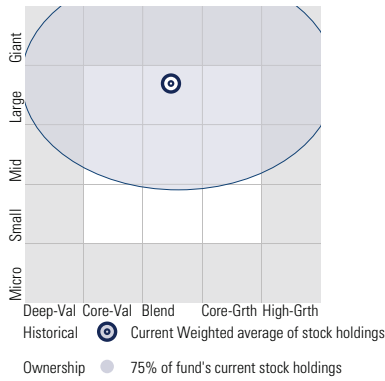
	Fund	Bmark	Cat
Price/Earnings Ratio	14.18	13.30	15.03
Price/Book Ratio	1.61	1.46	1.77
Avg Eff Duration	6.77	11.09	5.80

# Vanguard Target Retirement 2040 Inv VFORX

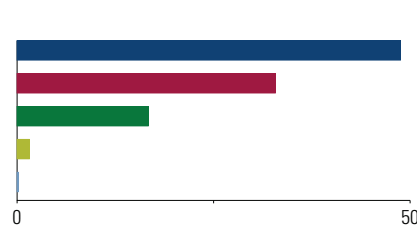
**Morningstar Category**  
Target-Date 2040

**Morningstar Index**  
Morningstar Lifetime Mod 2040 TR USD

**Style Analysis** as of 03-31-2020  
Morningstar Style Box™

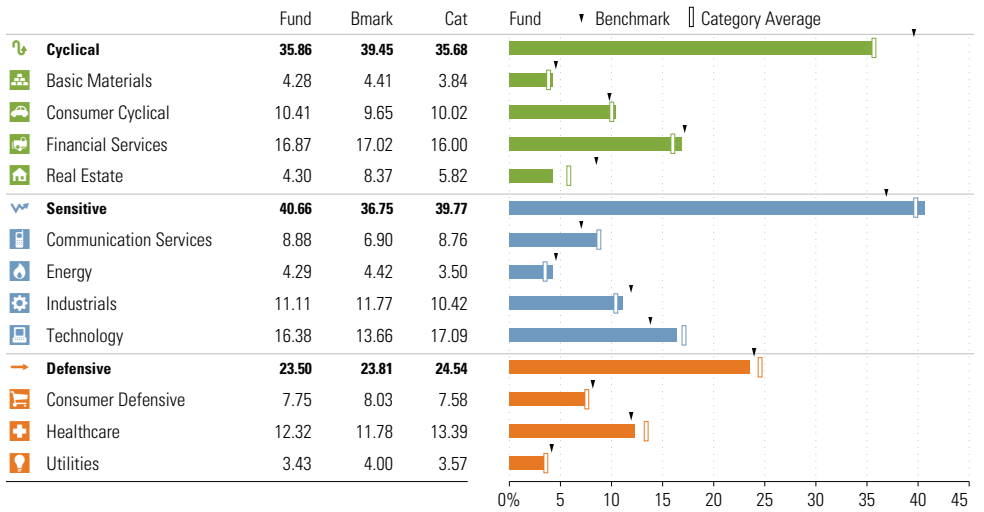


**Asset Allocation** as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	48.77	49.73
Non-US Stocks	32.85	27.58
Bonds	16.68	12.16
Cash	1.55	2.86
Other	0.14	7.67
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 03-31-2020



**Style Breakdown**



**Top 5 Holdings** as of 03-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Inv	—	49.63	49.63	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	33.18	82.81	—	—
⊖ Vanguard Total Bond Market II Idx Inv	—	12.04	94.85	—	—
⊖ Vanguard Total Intl Bd Idx Investor	—	4.99	99.84	—	—
⊕ Cmt Market Liquidity Rate	—	0.16	100.00	—	—

**Total Holdings** 5

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2045 Inv VTIVX

**Morningstar Category**  
Target-Date 2045

**Morningstar Index**  
Morningstar Lifetime Mod 2045 TR USD

## Portfolio Manager(s)

Walter Nejman since 02-2013  
William Coleman since 02-2013

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2045 category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 7.11 years.

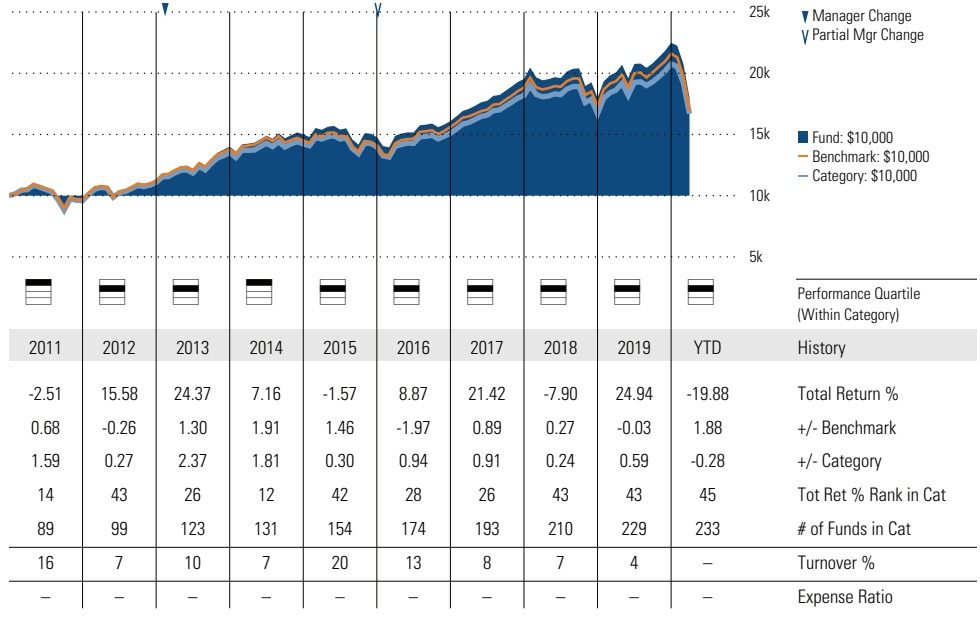
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.15 is 80.26% lower than the Target-Date 2045 category average.

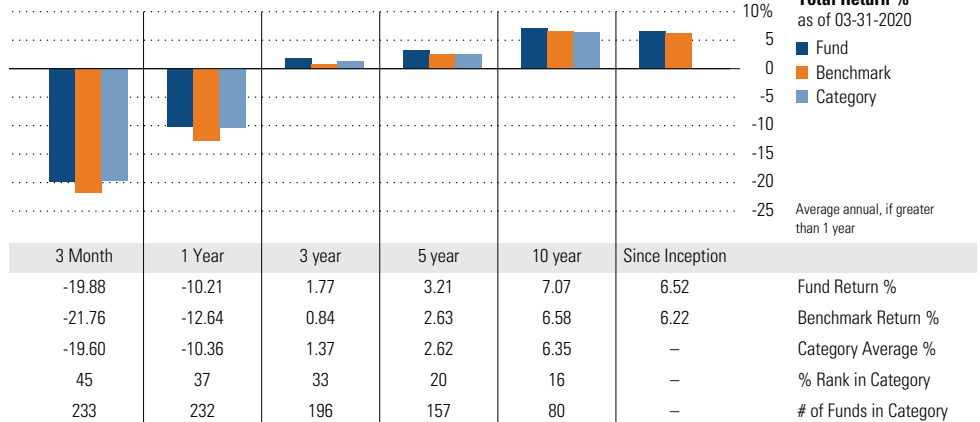
## Morningstar Investment Management LLC Analysis

This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

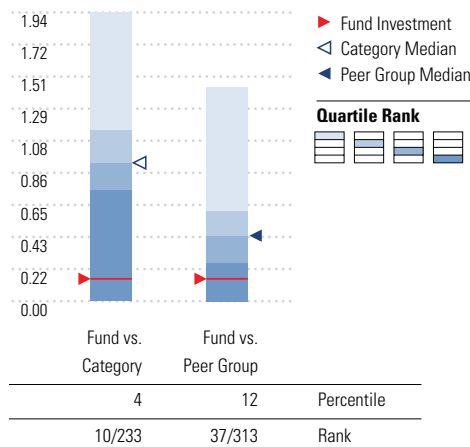
## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.92	-	0.40
Beta	0.96	-	0.95
R-Squared	99.55	-	98.88
Standard Deviation	13.75	14.23	13.62
Sharpe Ratio	0.07	0.01	0.03
Tracking Error	1.05	-	1.63
Information Ratio	0.89	-	0.14
Up Capture Ratio	100.97	-	97.13
Down Capture Ratio	95.69	-	94.80

## Portfolio Metrics

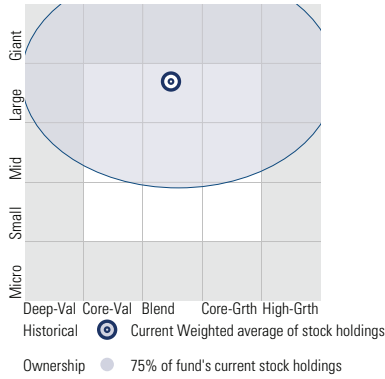
	Fund	Bmark	Cat
Price/Earnings Ratio	14.18	14.00	15.20
Price/Book Ratio	1.61	1.56	1.78
Avg Eff Duration	6.77	-	5.86

# Vanguard Target Retirement 2045 Inv VTIVX

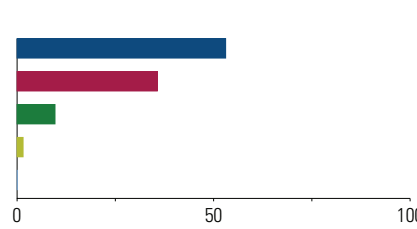
**Morningstar Category**  
Target-Date 2045

**Morningstar Index**  
Morningstar Lifetime Mod 2045 TR USD

**Style Analysis** as of 03-31-2020  
Morningstar Style Box™



**Asset Allocation** as of 03-31-2020

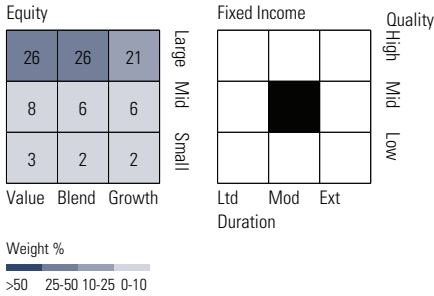


Asset Class	Net %	Cat%
US Stocks	53.06	54.57
Non-US Stocks	35.67	31.00
Bonds	9.64	6.76
Cash	1.52	2.38
Other	0.10	5.29
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 03-31-2020

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>35.85</b>	<b>37.70</b>	<b>35.37</b>			
Basic Materials	4.27	4.59	3.86			
Consumer Cyclical	10.41	9.24	9.93			
Financial Services	16.86	15.88	15.78			
Real Estate	4.31	7.99	5.80			
<b>Sensitive</b>	<b>40.66</b>	<b>36.18</b>	<b>39.87</b>			
Communication Services	8.89	7.01	8.76			
Energy	4.28	3.76	3.52			
Industrials	11.11	11.56	10.27			
Technology	16.38	13.85	17.32			
<b>Defensive</b>	<b>23.48</b>	<b>26.13</b>	<b>24.76</b>			
Consumer Defensive	7.74	8.86	7.44			
Healthcare	12.32	12.89	13.72			
Utilities	3.42	4.38	3.60			

**Style Breakdown**



**Top 5 Holdings** as of 03-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Inv	-	54.00	54.00	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	36.02	90.02	-	-
⊖ Vanguard Total Bond Market II Idx Inv	-	6.94	96.96	-	-
⊖ Vanguard Total Intl Bd Idx Investor	-	2.90	99.86	-	-
⊕ Cmt Market Liquidity Rate	-	0.14	100.00	-	-

**Total Holdings** 5

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# Vanguard Target Retirement 2045 Inv VTIVX

**Morningstar Category**  
Target-Date 2045

**Morningstar Index**  
Morningstar Lifetime Mod 2045 TR USD

## Portfolio Manager(s)

Walter Nejman since 02-2013  
William Coleman since 02-2013

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2045 category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 7.11 years.

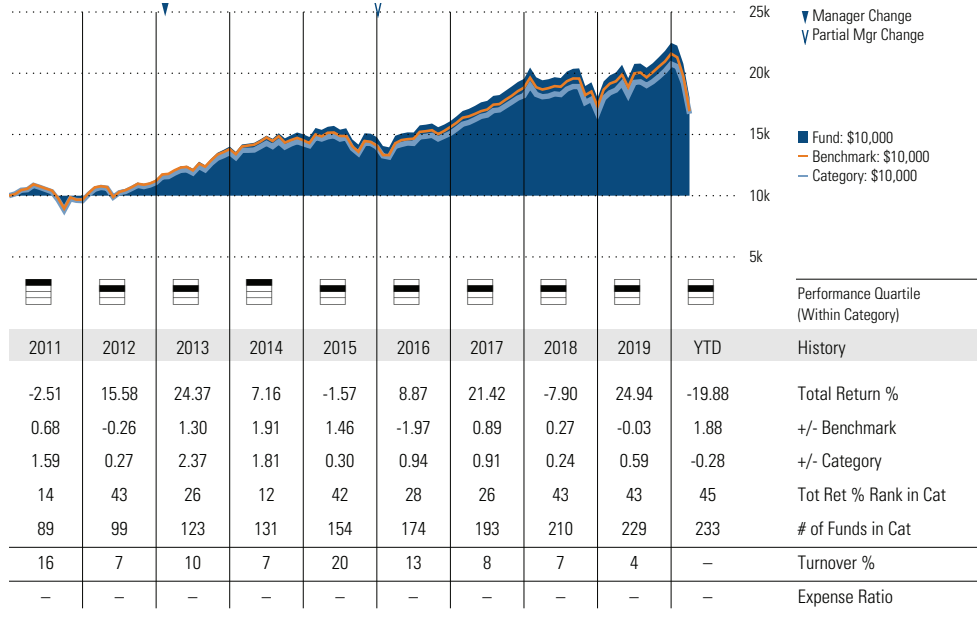
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.15 is 80.26% lower than the Target-Date 2045 category average.

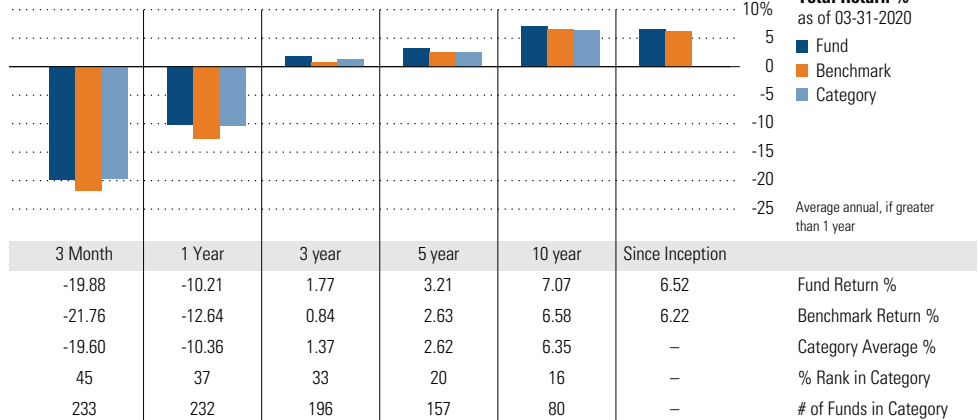
## Morningstar Investment Management LLC Analysis

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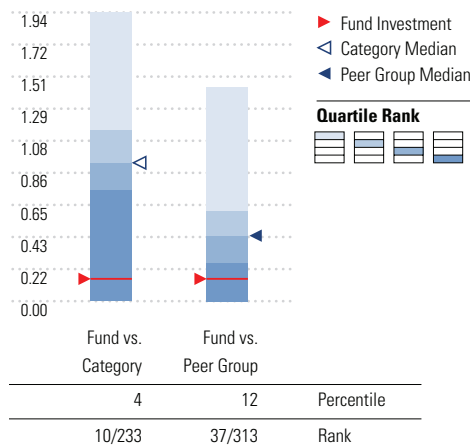
## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.92	-	0.40
Beta	0.96	-	0.95
R-Squared	99.55	-	98.88
Standard Deviation	13.75	14.23	13.62
Sharpe Ratio	0.07	0.01	0.03
Tracking Error	1.05	-	1.63
Information Ratio	0.89	-	0.14
Up Capture Ratio	100.97	-	97.13
Down Capture Ratio	95.69	-	94.80

## Portfolio Metrics

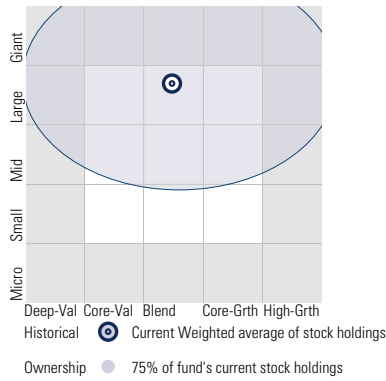
	Fund	Bmark	Cat
Price/Earnings Ratio	14.18	14.00	15.20
Price/Book Ratio	1.61	1.56	1.78
Avg Eff Duration	6.77	-	5.86

# Vanguard Target Retirement 2045 Inv VTIVX

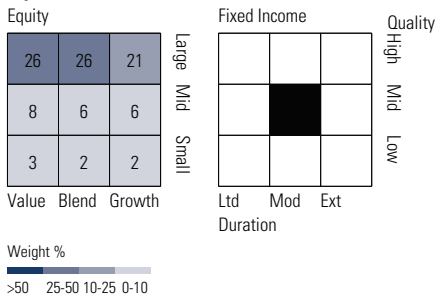
**Morningstar Category**  
Target-Date 2045

**Morningstar Index**  
Morningstar Lifetime Mod 2045 TR USD

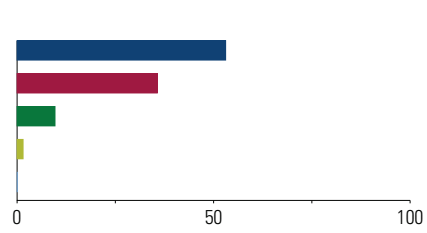
**Style Analysis** as of 03-31-2020  
Morningstar Style Box™



**Style Breakdown**



**Asset Allocation** as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	53.06	54.57
Non-US Stocks	35.67	31.00
Bonds	9.64	6.76
Cash	1.52	2.38
Other	0.10	5.29
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 03-31-2020

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>35.85</b>	<b>37.70</b>	<b>35.37</b>	[Bar chart showing Cyclical sector performance]		
Basic Materials	4.27	4.59	3.86	[Bar chart showing Basic Materials performance]		
Consumer Cyclical	10.41	9.24	9.93	[Bar chart showing Consumer Cyclical performance]		
Financial Services	16.86	15.88	15.78	[Bar chart showing Financial Services performance]		
Real Estate	4.31	7.99	5.80	[Bar chart showing Real Estate performance]		
<b>Sensitive</b>	<b>40.66</b>	<b>36.18</b>	<b>39.87</b>	[Bar chart showing Sensitive sector performance]		
Communication Services	8.89	7.01	8.76	[Bar chart showing Communication Services performance]		
Energy	4.28	3.76	3.52	[Bar chart showing Energy performance]		
Industrials	11.11	11.56	10.27	[Bar chart showing Industrials performance]		
Technology	16.38	13.85	17.32	[Bar chart showing Technology performance]		
<b>Defensive</b>	<b>23.48</b>	<b>26.13</b>	<b>24.76</b>	[Bar chart showing Defensive sector performance]		
Consumer Defensive	7.74	8.86	7.44	[Bar chart showing Consumer Defensive performance]		
Healthcare	12.32	12.89	13.72	[Bar chart showing Healthcare performance]		
Utilities	3.42	4.38	3.60	[Bar chart showing Utilities performance]		

**Top 5 Holdings** as of 03-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Inv	—	54.00	54.00	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	36.02	90.02	—	—
⊖ Vanguard Total Bond Market II Idx Inv	—	6.94	96.96	—	—
⊖ Vanguard Total Intl Bd Idx Investor	—	2.90	99.86	—	—
⊕ Cmt Market Liquidity Rate	—	0.14	100.00	—	—

**Total Holdings 5**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2050 Inv VFIFX

**Morningstar Category**  
Target-Date 2050

**Morningstar Index**  
Morningstar Lifetime Mod 2050 TR USD

## Portfolio Manager(s)

Walter Nejman since 02-2013  
William Coleman since 02-2013

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2050 category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 7.11 years.

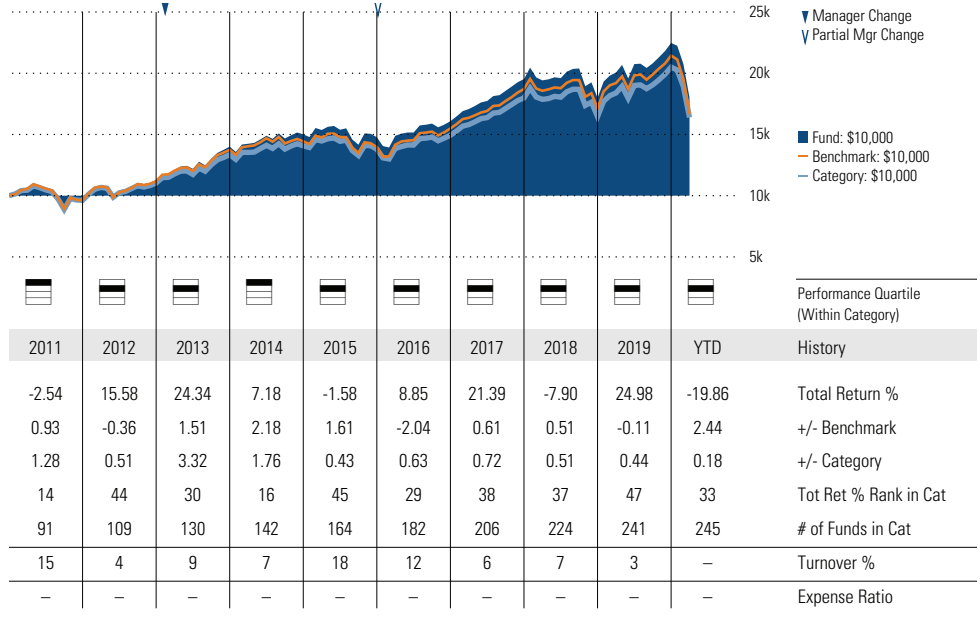
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.15 is 81.01% lower than the Target-Date 2050 category average.

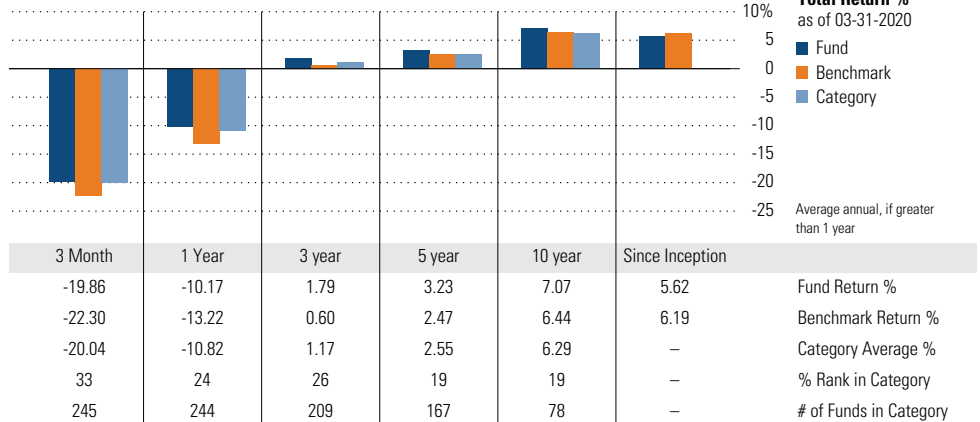
## Morningstar Investment Management LLC Analysis

This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

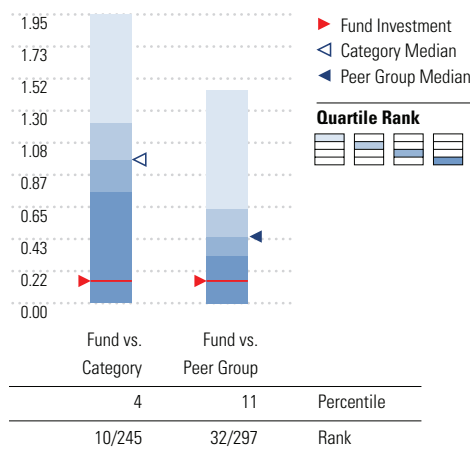
## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	1.15	-	0.46
Beta	0.95	-	0.94
R-Squared	99.47	-	97.94
Standard Deviation	13.75	14.47	13.74
Sharpe Ratio	0.07	-0.01	0.02
Tracking Error	1.26	-	1.88
Information Ratio	0.95	-	0.23
Up Capture Ratio	100.30	-	96.35
Down Capture Ratio	93.70	-	93.71

## Portfolio Metrics

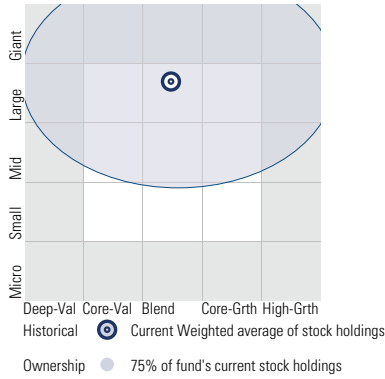
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	14.18	13.95	15.28
Price/Book Ratio	1.61	1.55	1.77
Avg Eff Duration	6.78	-	5.90

# Vanguard Target Retirement 2050 Inv VFIFX

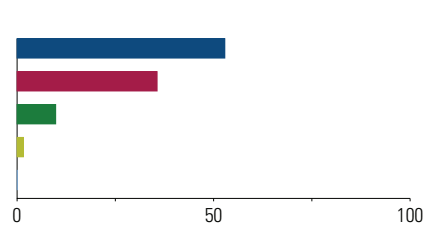
**Morningstar Category**  
Target-Date 2050

**Morningstar Index**  
Morningstar Lifetime Mod 2050 TR USD

**Style Analysis** as of 03-31-2020  
Morningstar Style Box™

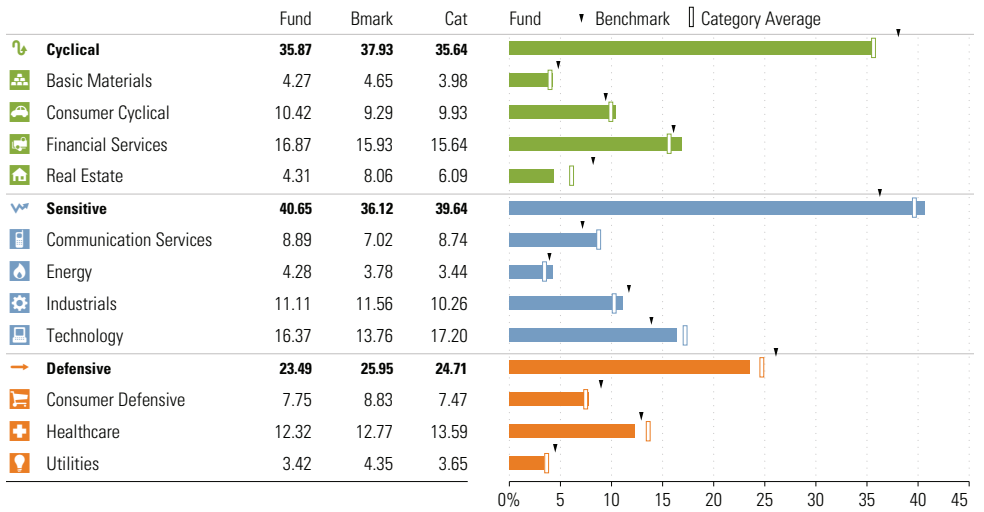


**Asset Allocation** as of 03-31-2020

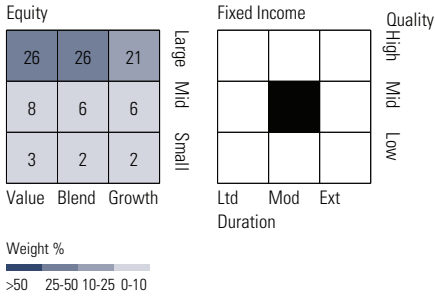


Asset Class	Net %	Cat%
US Stocks	52.85	53.96
Non-US Stocks	35.62	32.23
Bonds	9.81	5.91
Cash	1.61	2.28
Other	0.10	5.62
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 03-31-2020



**Style Breakdown**



**Top 5 Holdings** as of 03-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Inv	—	53.78	53.78	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	35.97	89.75	—	—
⊖ Vanguard Total Bond Market II Idx Inv	—	7.04	96.80	—	—
⊖ Vanguard Total Intl Bd Idx Investor	—	2.97	99.77	—	—
⊕ Cmt Market Liquidity Rate	—	0.23	100.00	—	—

**Total Holdings** 5

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2050 Inv VFIFX

**Morningstar Category**  
Target-Date 2050

**Morningstar Index**  
Morningstar Lifetime Mod 2050 TR USD

## Portfolio Manager(s)

Walter Nejman since 02-2013  
William Coleman since 02-2013

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2050 category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 7.11 years.

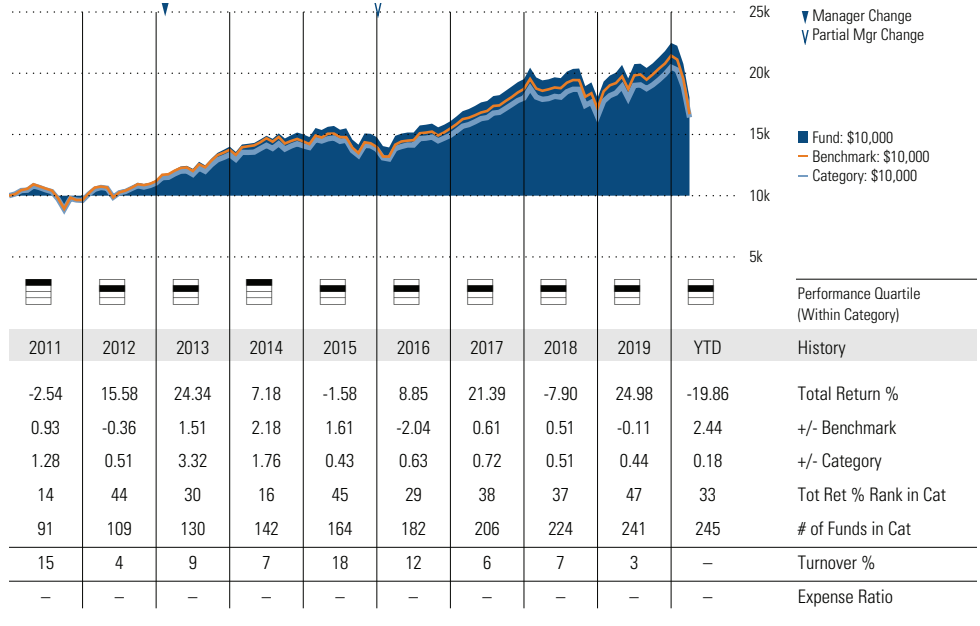
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.15 is 81.01% lower than the Target-Date 2050 category average.

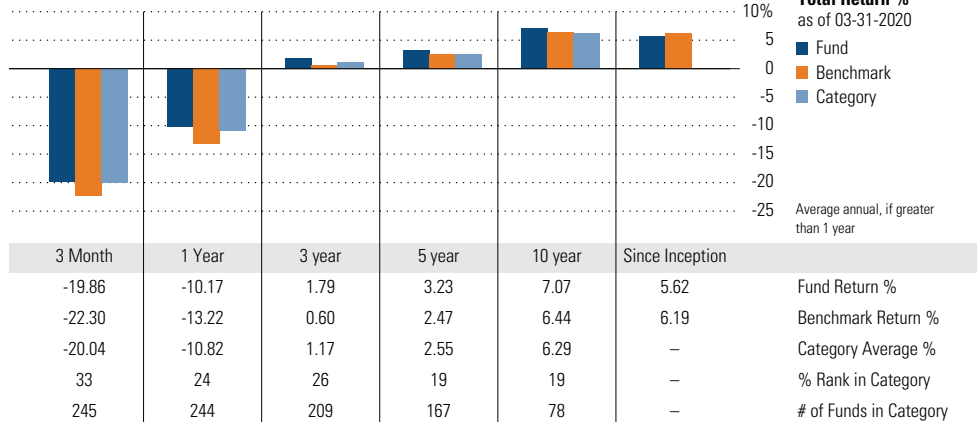
## Morningstar Investment Management LLC Analysis

This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

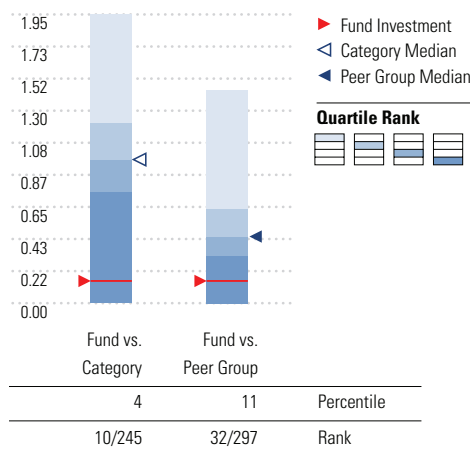
## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	1.15	-	0.46
Beta	0.95	-	0.94
R-Squared	99.47	-	97.94
Standard Deviation	13.75	14.47	13.74
Sharpe Ratio	0.07	-0.01	0.02
Tracking Error	1.26	-	1.88
Information Ratio	0.95	-	0.23
Up Capture Ratio	100.30	-	96.35
Down Capture Ratio	93.70	-	93.71

## Portfolio Metrics

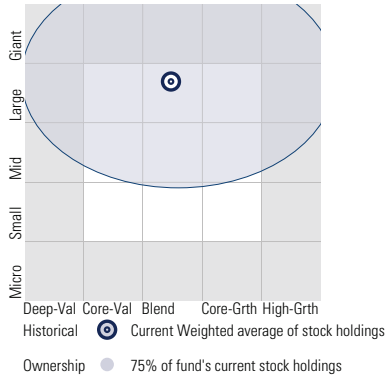
	Fund	Bmark	Cat
Price/Earnings Ratio	14.18	13.95	15.28
Price/Book Ratio	1.61	1.55	1.77
Avg Eff Duration	6.78	-	5.90

# Vanguard Target Retirement 2050 Inv VFIFX

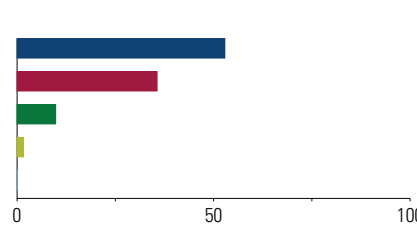
**Morningstar Category**  
Target-Date 2050

**Morningstar Index**  
Morningstar Lifetime Mod 2050 TR USD

**Style Analysis** as of 03-31-2020  
Morningstar Style Box™



**Asset Allocation** as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	52.85	53.96
Non-US Stocks	35.62	32.23
Bonds	9.81	5.91
Cash	1.61	2.28
Other	0.10	5.62
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 03-31-2020

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>35.87</b>	<b>37.93</b>	<b>35.64</b>			
Basic Materials	4.27	4.65	3.98			
Consumer Cyclical	10.42	9.29	9.93			
Financial Services	16.87	15.93	15.64			
Real Estate	4.31	8.06	6.09			
<b>Sensitive</b>	<b>40.65</b>	<b>36.12</b>	<b>39.64</b>			
Communication Services	8.89	7.02	8.74			
Energy	4.28	3.78	3.44			
Industrials	11.11	11.56	10.26			
Technology	16.37	13.76	17.20			
<b>Defensive</b>	<b>23.49</b>	<b>25.95</b>	<b>24.71</b>			
Consumer Defensive	7.75	8.83	7.47			
Healthcare	12.32	12.77	13.59			
Utilities	3.42	4.35	3.65			

**Style Breakdown**



**Top 5 Holdings** as of 03-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Inv	-	53.78	53.78	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	35.97	89.75	-	-
⊖ Vanguard Total Bond Market II Idx Inv	-	7.04	96.80	-	-
⊖ Vanguard Total Intl Bd Idx Investor	-	2.97	99.77	-	-
⊕ Cmt Market Liquidity Rate	-	0.23	100.00	-	-

**Total Holdings** 5

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2055 Inv VFFVX

**Morningstar Category**  
Target-Date 2055

**Morningstar Index**  
Morningstar Lifetime Mod 2055 TR USD

## Portfolio Manager(s)

Walter Nejman since 02-2013  
William Coleman since 02-2013

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2055 category's top three quartiles in 9 of the 9 years it's been in existence.

✔ **Management:** The fund's management has been in place for 7.11 years.

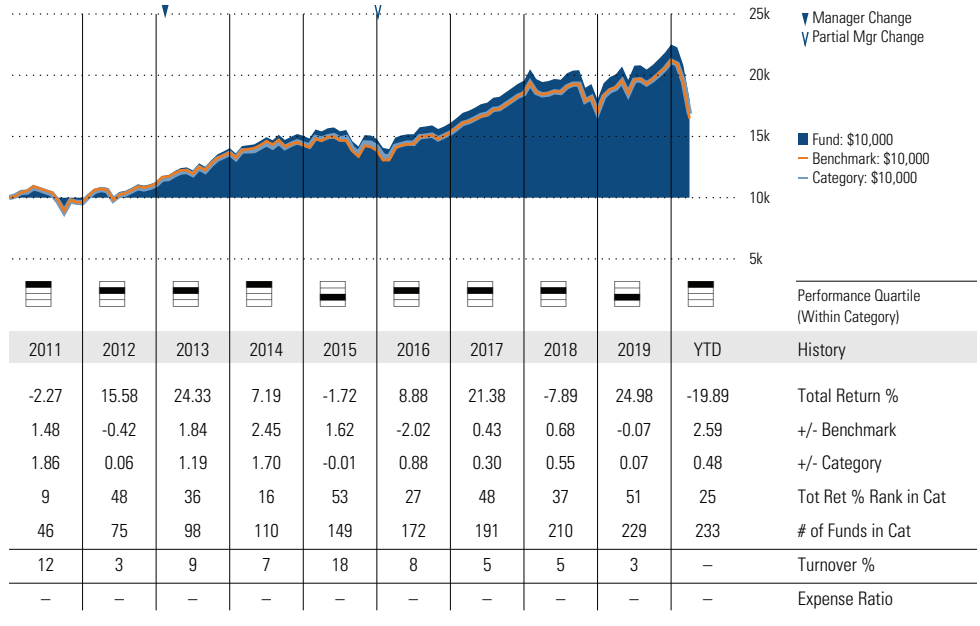
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.15 is 80.26% lower than the Target-Date 2055 category average.

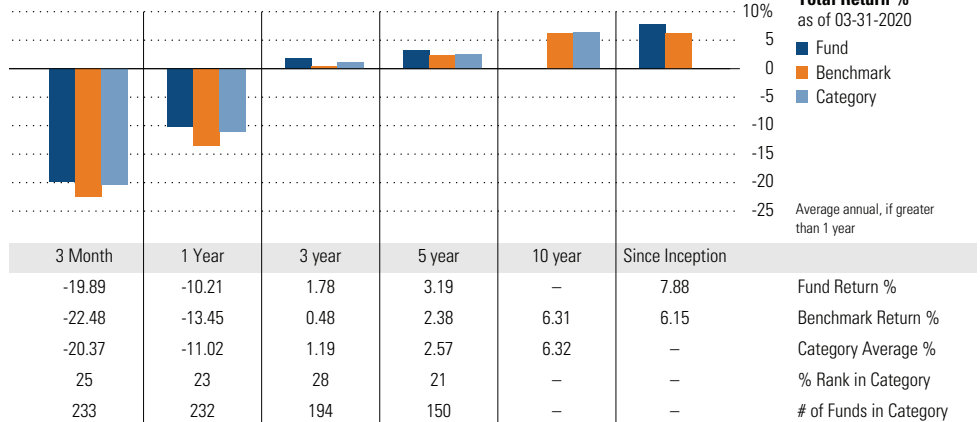
## Morningstar Investment Management LLC Analysis

This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

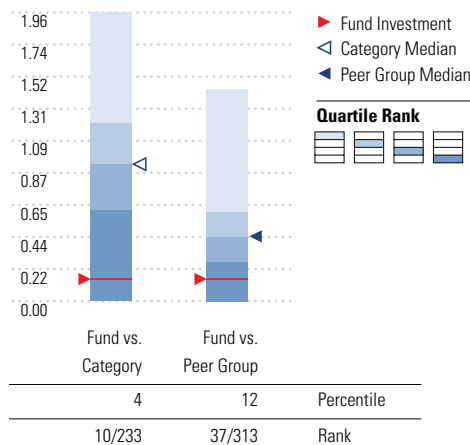
## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	1.25	-	0.61
Beta	0.94	-	0.96
R-Squared	99.46	-	98.85
Standard Deviation	13.75	14.55	14.01
Sharpe Ratio	0.07	-0.01	0.03
Tracking Error	1.31	-	1.65
Information Ratio	0.99	-	0.30
Up Capture Ratio	100.07	-	98.65
Down Capture Ratio	92.93	-	95.20

## Portfolio Metrics

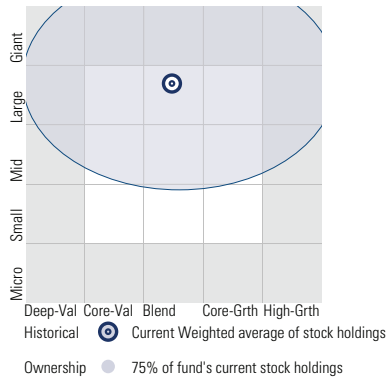
	Fund	Bmark	Cat
Price/Earnings Ratio	14.18	13.22	15.39
Price/Book Ratio	1.61	1.44	1.82
Avg Eff Duration	6.77	-	5.94

# Vanguard Target Retirement 2055 Inv VFFVX

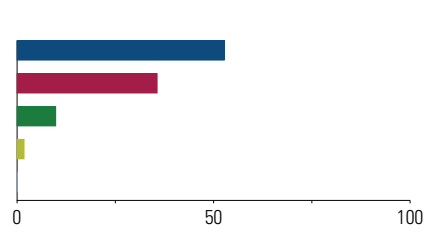
**Morningstar Category**  
Target-Date 2055

**Morningstar Index**  
Morningstar Lifetime Mod 2055 TR USD

**Style Analysis** as of 03-31-2020  
Morningstar Style Box™

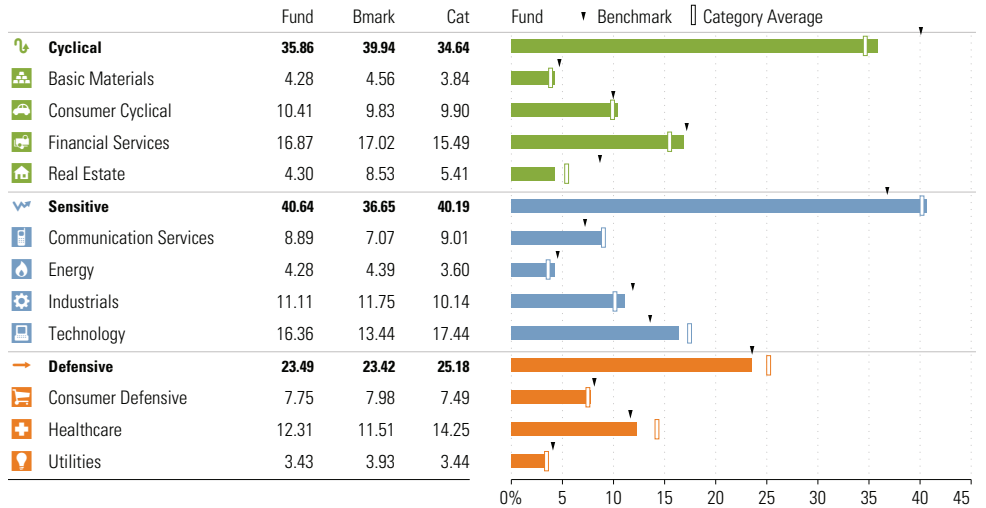


**Asset Allocation** as of 03-31-2020

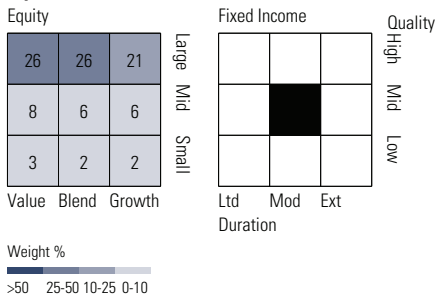


Asset Class	Net %	Cat%
US Stocks	52.70	55.53
Non-US Stocks	35.62	32.63
Bonds	9.81	5.86
Cash	1.76	2.92
Other	0.10	3.07
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 03-31-2020



**Style Breakdown**



**Top 5 Holdings** as of 03-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Inv	—	53.63	53.63	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	35.98	89.61	—	—
⊖ Vanguard Total Bond Market II Idx Inv	—	7.07	96.67	—	—
⊖ Vanguard Total Intl Bd Idx Investor	—	2.95	99.62	—	—
⊕ Cmt Market Liquidity Rate	—	0.38	100.00	—	—

**Total Holdings** 5

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# Vanguard Target Retirement 2055 Inv VFFVX

**Morningstar Category**  
Target-Date 2055

**Morningstar Index**  
Morningstar Lifetime Mod 2055 TR USD

## Portfolio Manager(s)

Walter Nejman since 02-2013  
William Coleman since 02-2013

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2055 category's top three quartiles in 9 of the 9 years it's been in existence.

✔ **Management:** The fund's management has been in place for 7.11 years.

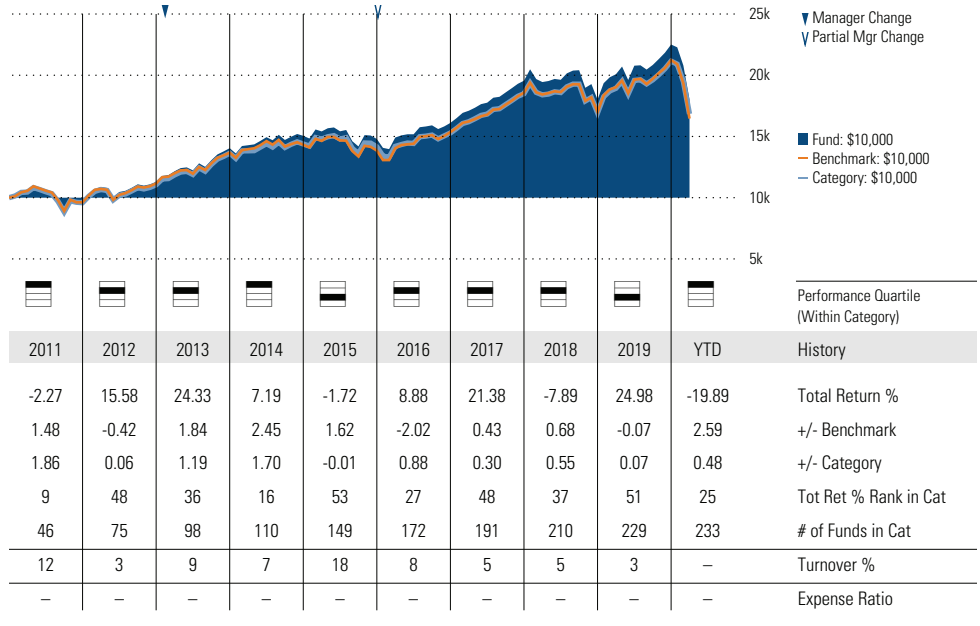
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.15 is 80.26% lower than the Target-Date 2055 category average.

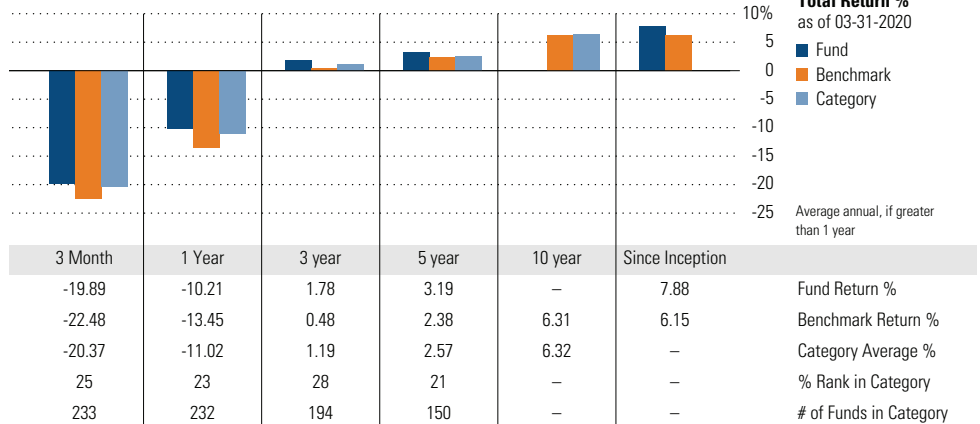
## Morningstar Investment Management LLC Analysis

This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

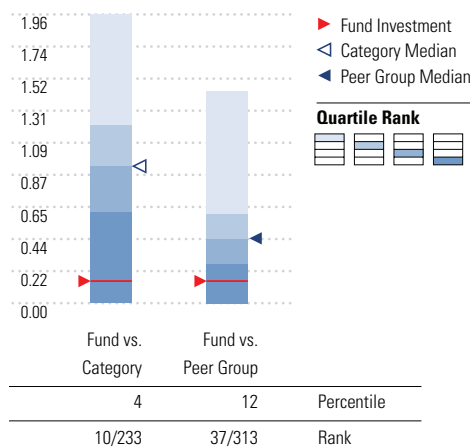
## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	1.25	-	0.61
Beta	0.94	-	0.96
R-Squared	99.46	-	98.85
Standard Deviation	13.75	14.55	14.01
Sharpe Ratio	0.07	-0.01	0.03
Tracking Error	1.31	-	1.65
Information Ratio	0.99	-	0.30
Up Capture Ratio	100.07	-	98.65
Down Capture Ratio	92.93	-	95.20

## Portfolio Metrics

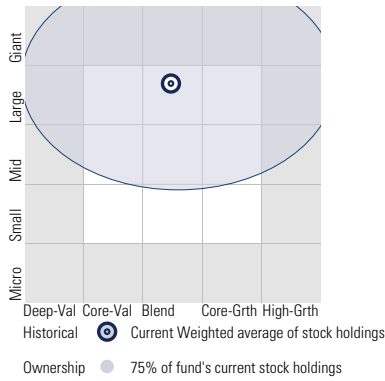
	Fund	Bmark	Cat
Price/Earnings Ratio	14.18	13.22	15.39
Price/Book Ratio	1.61	1.44	1.82
Avg Eff Duration	6.77	-	5.94

# Vanguard Target Retirement 2055 Inv VFFVX

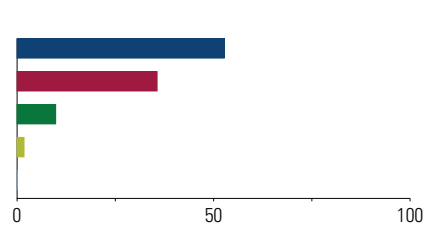
**Morningstar Category**  
Target-Date 2055

**Morningstar Index**  
Morningstar Lifetime Mod 2055 TR USD

**Style Analysis** as of 03-31-2020  
Morningstar Style Box™

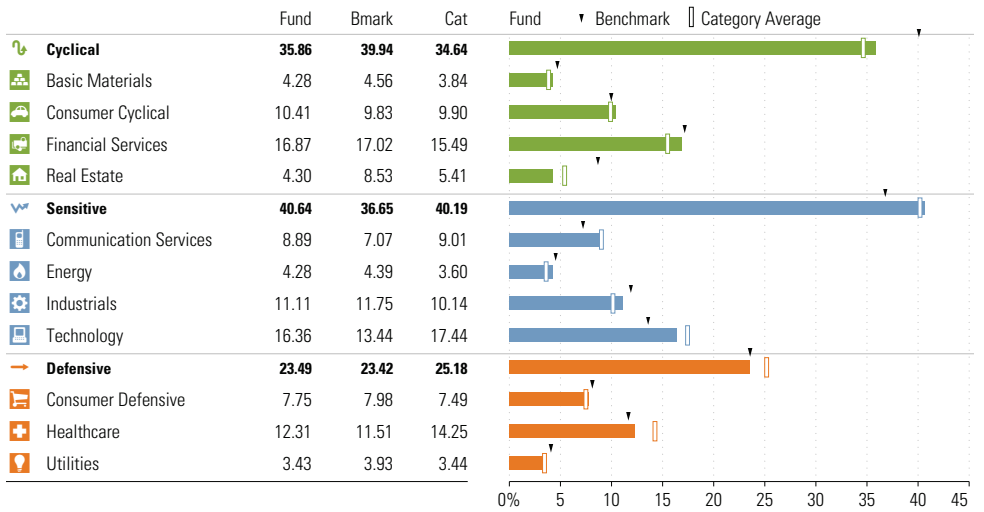


**Asset Allocation** as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	52.70	55.53
Non-US Stocks	35.62	32.63
Bonds	9.81	5.86
Cash	1.76	2.92
Other	0.10	3.07
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 03-31-2020



**Style Breakdown**



**Top 5 Holdings** as of 03-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Inv	—	53.63	53.63	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	35.98	89.61	—	—
⊖ Vanguard Total Bond Market II Idx Inv	—	7.07	96.67	—	—
⊖ Vanguard Total Intl Bd Idx Investor	—	2.95	99.62	—	—
⊕ Cmt Market Liquidity Rate	—	0.38	100.00	—	—

**Total Holdings** 5

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2060 Inv VTTX

**Morningstar Category**  
Target-Date 2060+

**Morningstar Index**  
Morningstar Lifetime Mod 2060 TR USD

## Portfolio Manager(s)

Walter Nejman since 02-2013  
William Coleman since 02-2013

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2060+ category's top three quartiles in 7 of the 7 years it's been in existence.

✔ **Management:** The fund's management has been in place for 7.11 years.

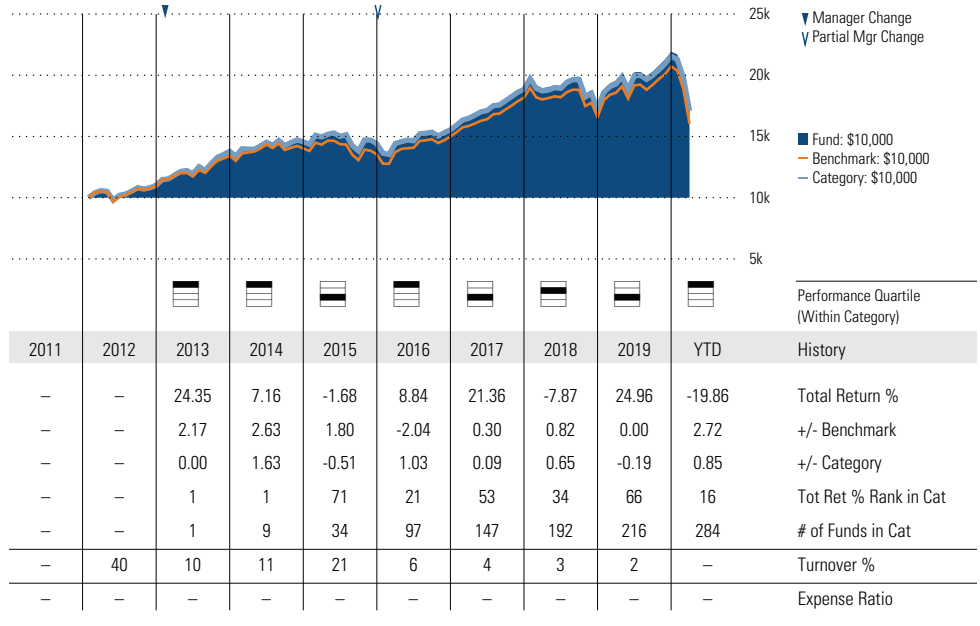
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.15 is 80% lower than the Target-Date 2060+ category average.

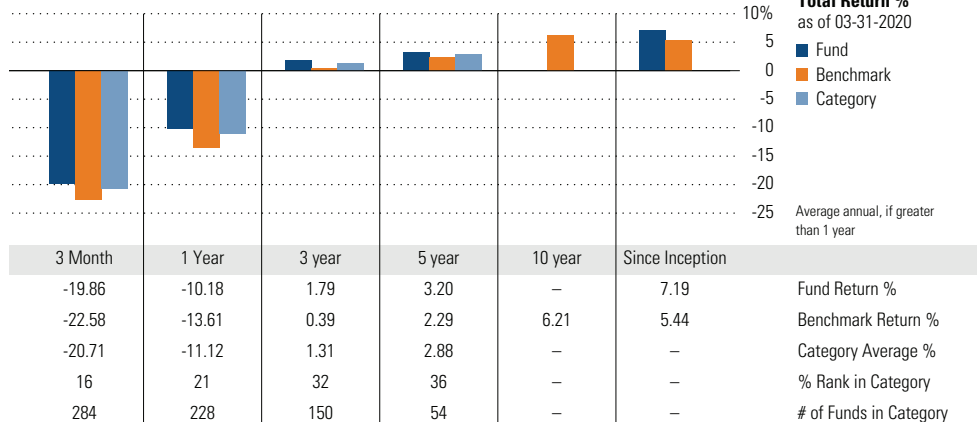
## Morningstar Investment Management LLC Analysis

This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

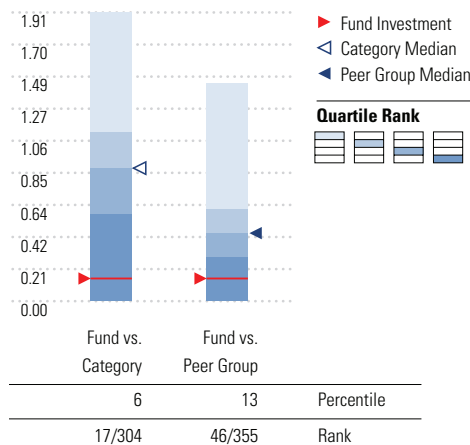
## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	1.35	-	0.85
Beta	0.94	-	0.96
R-Squared	99.39	-	98.71
Standard Deviation	13.75	14.58	14.07
Sharpe Ratio	0.07	-0.02	0.04
Tracking Error	1.38	-	1.74
Information Ratio	1.01	-	0.42
Up Capture Ratio	100.32	-	99.78
Down Capture Ratio	92.63	-	94.99

## Portfolio Metrics

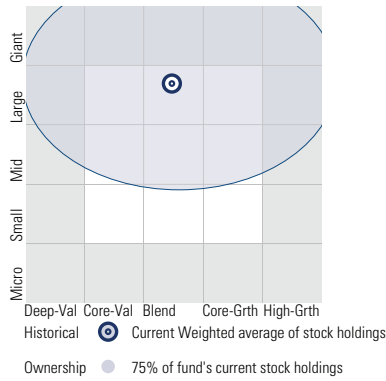
	Fund	Bmark	Cat
Price/Earnings Ratio	14.16	13.86	15.38
Price/Book Ratio	1.61	1.53	1.82
Avg Eff Duration	6.78	-	5.93

# Vanguard Target Retirement 2060 Inv VTTSX

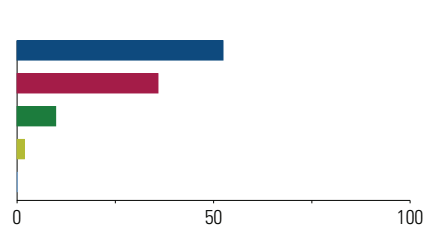
**Morningstar Category**  
Target-Date 2060+

**Morningstar Index**  
Morningstar Lifetime Mod 2060 TR USD

**Style Analysis** as of 03-31-2020  
Morningstar Style Box™



**Asset Allocation** as of 03-31-2020

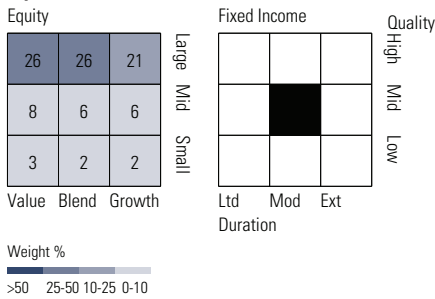


Asset Class	Net %	Cat%
US Stocks	52.39	53.21
Non-US Stocks	35.84	33.71
Bonds	9.81	7.63
Cash	1.85	2.83
Other	0.10	2.61
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 03-31-2020

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>35.89</b>	<b>38.47</b>	<b>34.13</b>			
Basic Materials	4.30	4.76	4.05			
Consumer Cyclical	10.41	9.37	10.00			
Financial Services	16.88	16.04	15.41			
Real Estate	4.30	8.30	4.67			
<b>Sensitive</b>	<b>40.64</b>	<b>35.97</b>	<b>40.31</b>			
Communication Services	8.88	7.06	9.20			
Energy	4.30	3.80	3.56			
Industrials	11.12	11.54	10.22			
Technology	16.34	13.57	17.33			
<b>Defensive</b>	<b>23.47</b>	<b>25.55</b>	<b>25.56</b>			
Consumer Defensive	7.75	8.75	7.95			
Healthcare	12.30	12.52	14.19			
Utilities	3.42	4.28	3.42			

**Style Breakdown**



**Top 5 Holdings** as of 03-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Inv	-	53.31	53.31	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	36.21	89.52	-	-
⊖ Vanguard Total Bond Market II Idx Inv	-	7.01	96.54	-	-
⊖ Vanguard Total Intl Bd Idx Investor	-	3.00	99.53	-	-
⊕ Cmt Market Liquidity Rate	-	0.47	100.00	-	-

**Total Holdings 5**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2060 Inv VTTX

**Morningstar Category**  
Target-Date 2060+

**Morningstar Index**  
Morningstar Lifetime Mod 2060 TR USD

## Portfolio Manager(s)

Walter Nejman since 02-2013  
William Coleman since 02-2013

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2060+ category's top three quartiles in 7 of the 7 years it's been in existence.

✔ **Management:** The fund's management has been in place for 7.11 years.

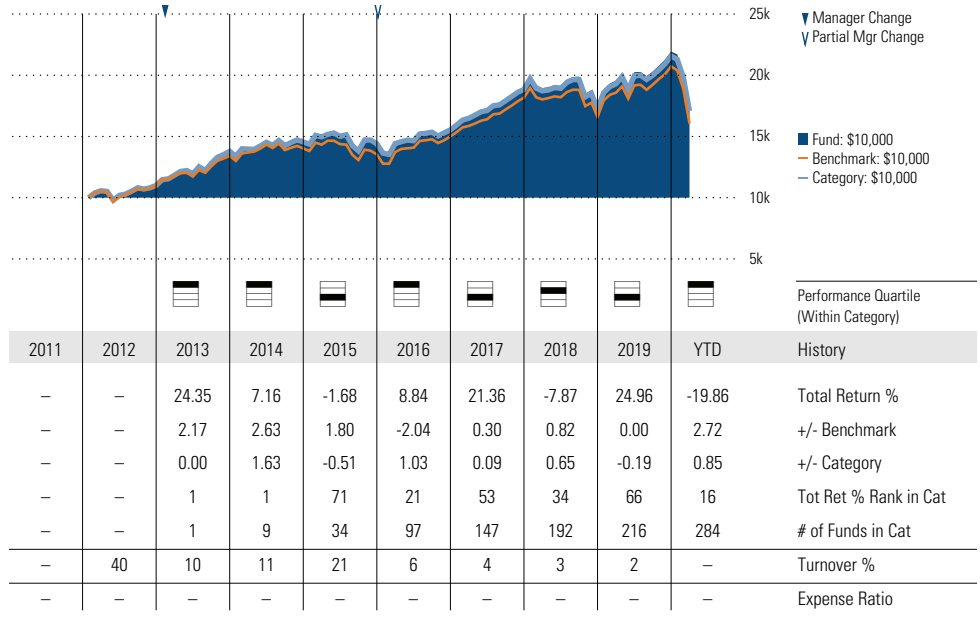
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.15 is 80% lower than the Target-Date 2060+ category average.

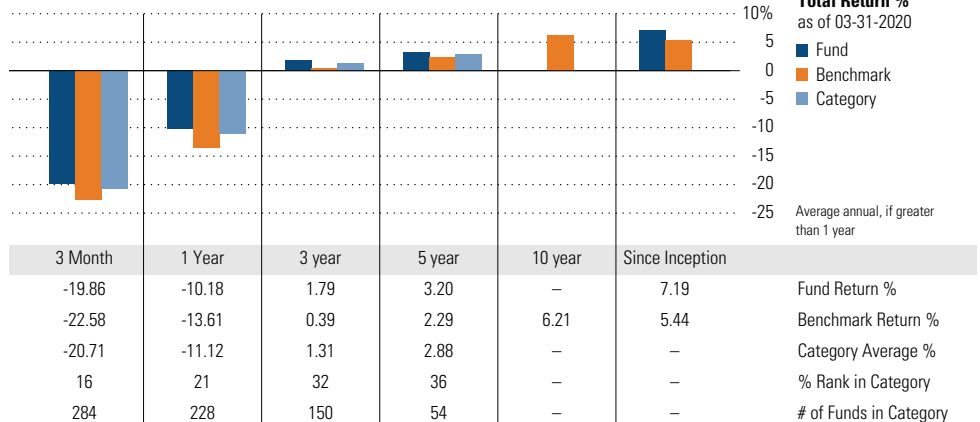
## Morningstar Investment Management LLC Analysis

This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

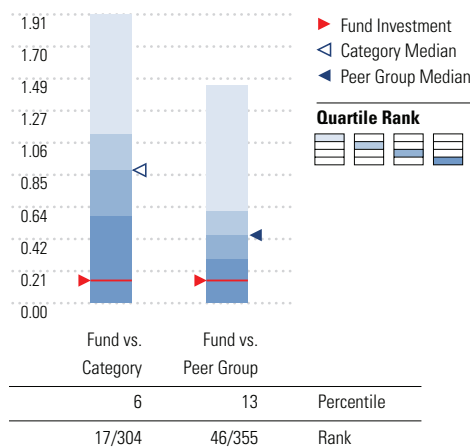
## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	1.35	-	0.85
Beta	0.94	-	0.96
R-Squared	99.39	-	98.71
Standard Deviation	13.75	14.58	14.07
Sharpe Ratio	0.07	-0.02	0.04
Tracking Error	1.38	-	1.74
Information Ratio	1.01	-	0.42
Up Capture Ratio	100.32	-	99.78
Down Capture Ratio	92.63	-	94.99

## Portfolio Metrics

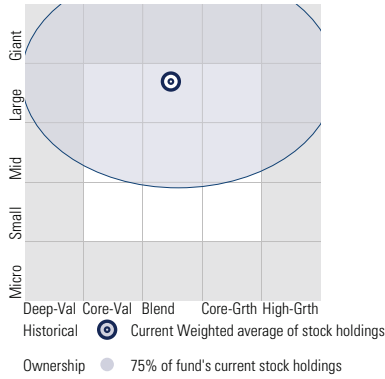
	Fund	Bmark	Cat
Price/Earnings Ratio	14.16	13.86	15.38
Price/Book Ratio	1.61	1.53	1.82
Avg Eff Duration	6.78	-	5.93

# Vanguard Target Retirement 2060 Inv VTTSX

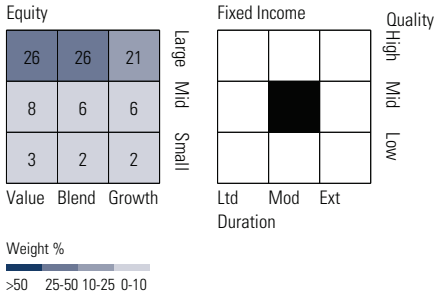
**Morningstar Category**  
Target-Date 2060+

**Morningstar Index**  
Morningstar Lifetime Mod 2060 TR USD

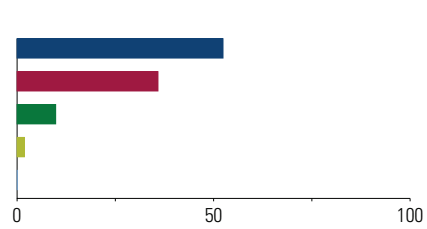
**Style Analysis** as of 03-31-2020  
Morningstar Style Box™



**Style Breakdown**

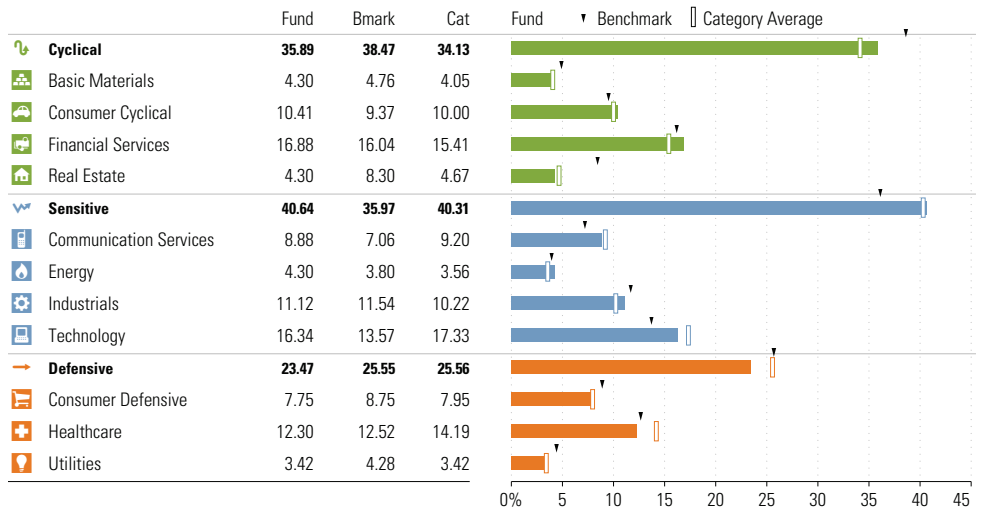


**Asset Allocation** as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	52.39	53.21
Non-US Stocks	35.84	33.71
Bonds	9.81	7.63
Cash	1.85	2.83
Other	0.10	2.61
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 03-31-2020



**Top 5 Holdings** as of 03-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Inv	-	53.31	53.31	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	36.21	89.52	-	-
⊖ Vanguard Total Bond Market II Idx Inv	-	7.01	96.54	-	-
⊖ Vanguard Total Intl Bd Idx Investor	-	3.00	99.53	-	-
⊕ Cmt Market Liquidity Rate	-	0.47	100.00	-	-

**Total Holdings 5**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2065 Inv VLXVX

**Morningstar Category**  
Target-Date 2060+

**Morningstar Index**  
Morningstar Lifetime Mod 2060 TR USD

## Portfolio Manager(s)

Walter Nejman since 07-2017  
William Coleman since 07-2017

## Quantitative Screens

The Performance screen is not applicable for funds with less than three years of data.

✗ **Management:** The fund's management team has been in place for less than three years.

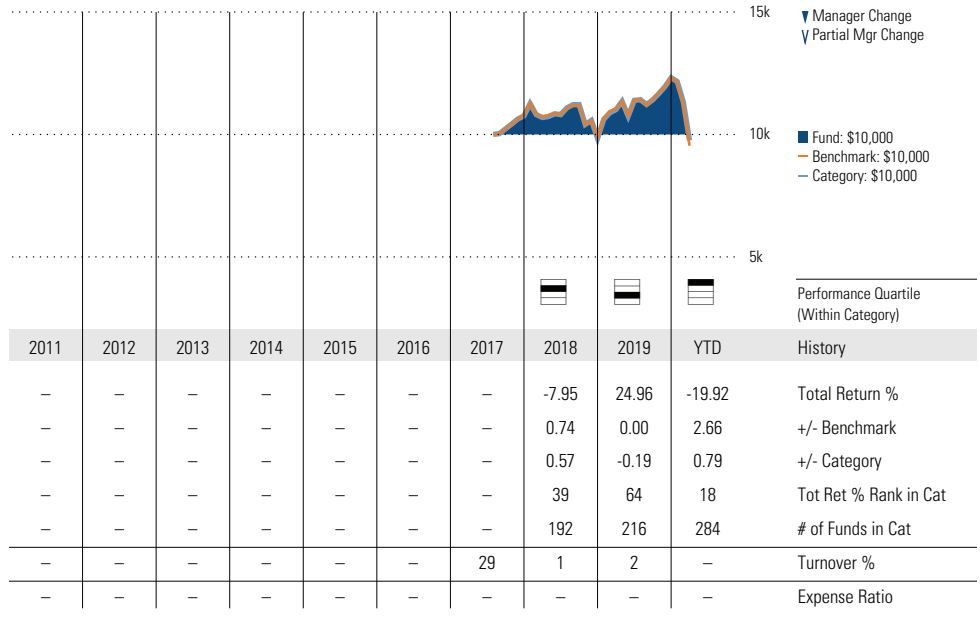
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.15 is 80% lower than the Target-Date 2060+ category average.

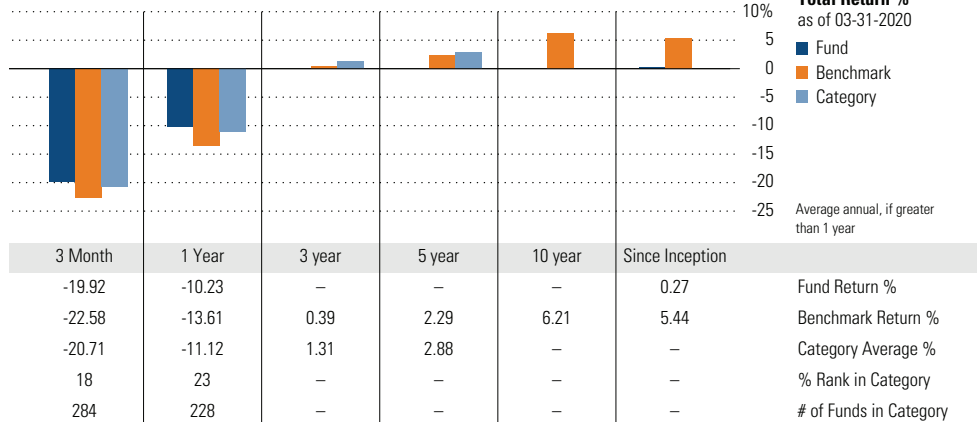
## Morningstar Investment Management LLC Analysis

This fund fails our management tenure screen due to the inception of the new 2065 target date fund. This fund is managed by the same team as the full target date series, so we are comfortable with this screen failure.

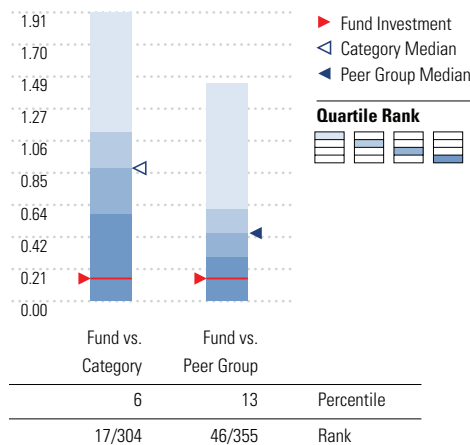
## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-	-	0.85
Beta	-	-	0.96
R-Squared	-	-	98.71
Standard Deviation	-	14.58	14.07
Sharpe Ratio	-	-0.02	0.04
Tracking Error	-	-	1.74
Information Ratio	-	-	0.42
Up Capture Ratio	-	-	99.78
Down Capture Ratio	-	-	94.99

## Portfolio Metrics

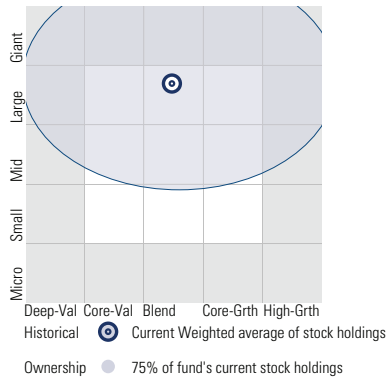
	Fund	Bmark	Cat
Price/Earnings Ratio	14.17	13.86	15.38
Price/Book Ratio	1.61	1.53	1.82
Avg Eff Duration	6.78	-	5.93

# Vanguard Target Retirement 2065 Inv VLXVX

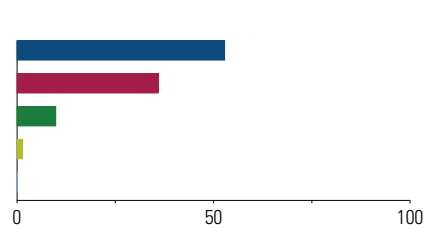
**Morningstar Category**  
Target-Date 2060+

**Morningstar Index**  
Morningstar Lifetime Mod 2060 TR USD

**Style Analysis** as of 03-31-2020  
Morningstar Style Box™

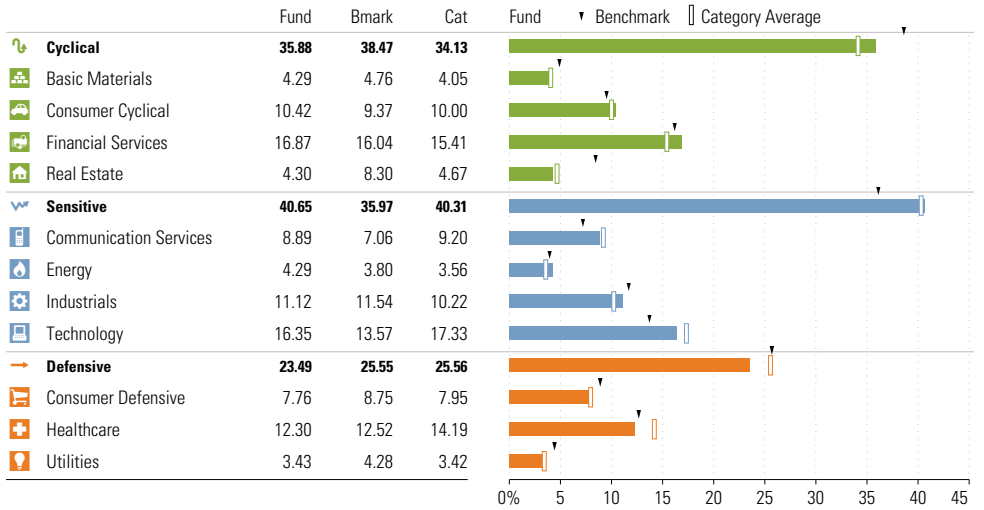


**Asset Allocation** as of 03-31-2020

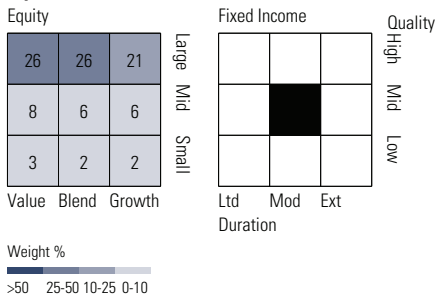


Asset Class	Net %	Cat%
US Stocks	52.80	53.21
Non-US Stocks	35.89	33.71
Bonds	9.82	7.63
Cash	1.39	2.83
Other	0.10	2.61
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 03-31-2020



**Style Breakdown**



**Top 5 Holdings** as of 03-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Inv	-	53.73	53.73	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	36.25	89.98	-	-
⊖ Vanguard Total Bond Market II Idx Inv	-	7.02	97.00	-	-
⊖ Vanguard Total Intl Bd Idx Investor	-	3.00	100.00	-	-
⊖ Cmt Market Liquidity Rate	-	0.00	100.00	-	-

**Total Holdings** 5

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# Vanguard Target Retirement 2065 Inv VLXVX

**Morningstar Category**  
Target-Date 2060+

**Morningstar Index**  
Morningstar Lifetime Mod 2060 TR USD

## Portfolio Manager(s)

Walter Nejman since 07-2017  
William Coleman since 07-2017

## Quantitative Screens

The Performance screen is not applicable for funds with less than three years of data.

✗ **Management:** The fund's management team has been in place for less than three years.

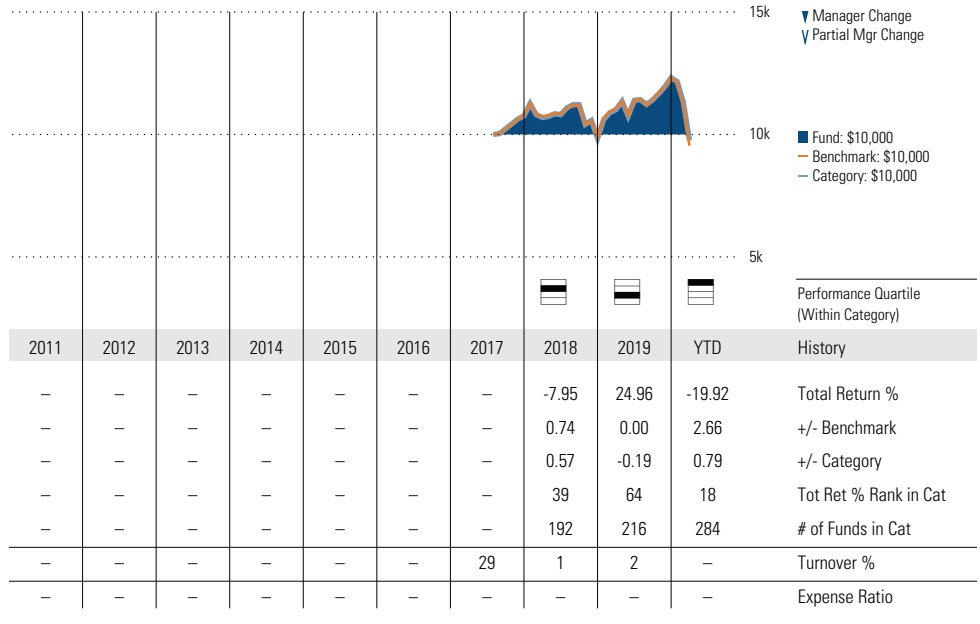
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.15 is 80% lower than the Target-Date 2060+ category average.

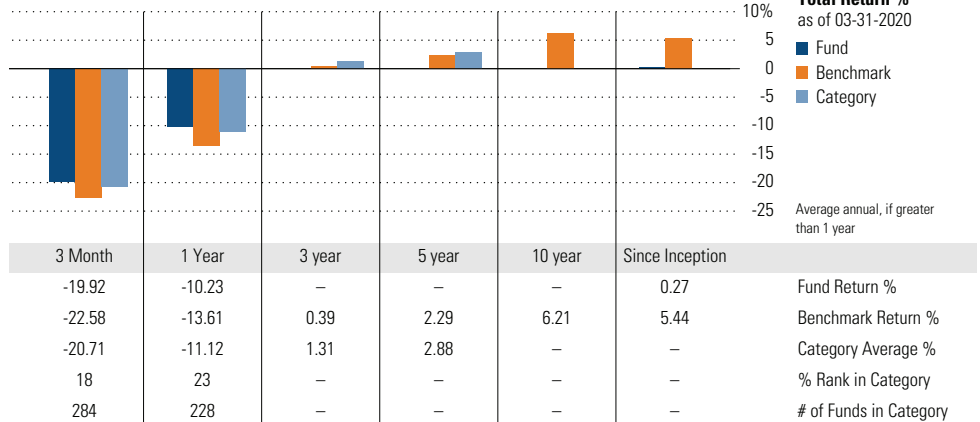
## Morningstar Investment Management LLC Analysis

This fund fails our management tenure screen due to the inception of the new 2065 target date fund. This fund is managed by the same team as the full target date series, so we are comfortable with this screen failure.

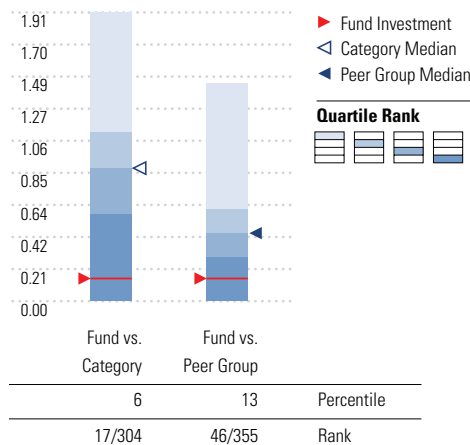
## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-	-	0.85
Beta	-	-	0.96
R-Squared	-	-	98.71
Standard Deviation	-	14.58	14.07
Sharpe Ratio	-	-0.02	0.04
Tracking Error	-	-	1.74
Information Ratio	-	-	0.42
Up Capture Ratio	-	-	99.78
Down Capture Ratio	-	-	94.99

## Portfolio Metrics

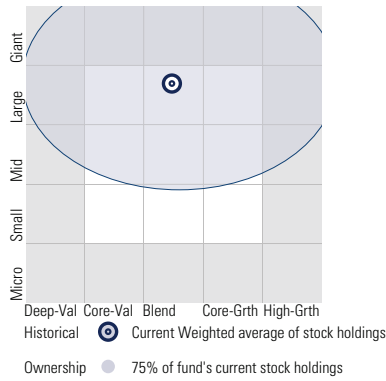
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	14.17	13.86	15.38
Price/Book Ratio	1.61	1.53	1.82
Avg Eff Duration	6.78	-	5.93

# Vanguard Target Retirement 2065 Inv VLXVX

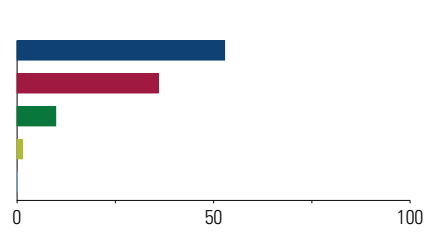
**Morningstar Category**  
Target-Date 2060+

**Morningstar Index**  
Morningstar Lifetime Mod 2060 TR USD

**Style Analysis** as of 03-31-2020  
Morningstar Style Box™

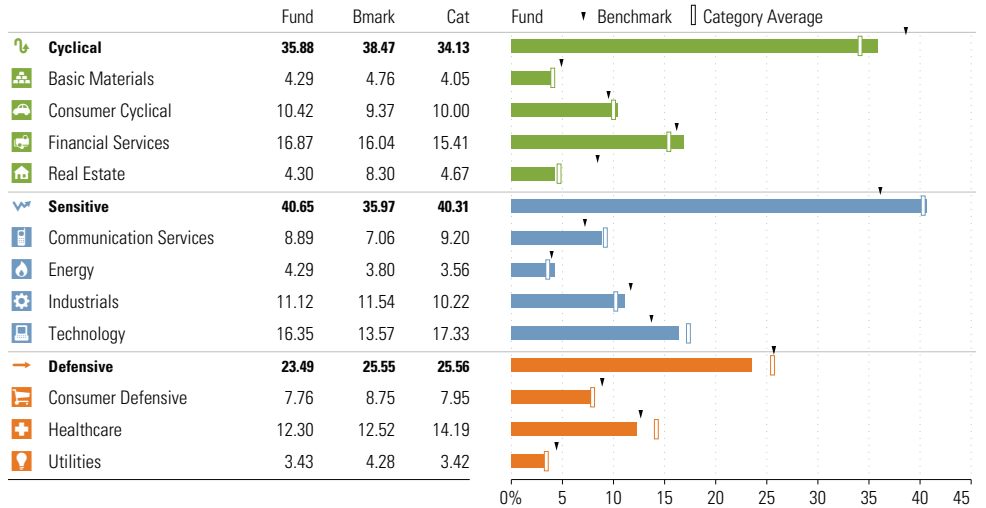


**Asset Allocation** as of 03-31-2020

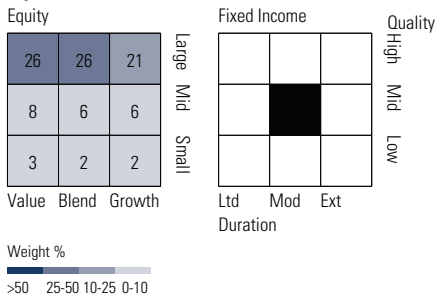


Asset Class	Net %	Cat%
US Stocks	52.80	53.21
Non-US Stocks	35.89	33.71
Bonds	9.82	7.63
Cash	1.39	2.83
Other	0.10	2.61
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 03-31-2020



**Style Breakdown**



**Top 5 Holdings** as of 03-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Inv	—	53.73	53.73	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	36.25	89.98	—	—
⊖ Vanguard Total Bond Market II Idx Inv	—	7.02	97.00	—	—
⊖ Vanguard Total Intl Bd Idx Investor	—	3.00	100.00	—	—
⊖ Cmt Market Liquidity Rate	—	0.00	100.00	—	—

**Total Holdings** 5

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement Income Inv VTINX

**Morningstar Category**  
Target-Date Retirement

**Morningstar Index**  
Morningstar Lifetime Mod Incm TR USD

## Portfolio Manager(s)

Walter Nejman since 02-2013  
William Coleman since 02-2013

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date Retirement category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 7.11 years.

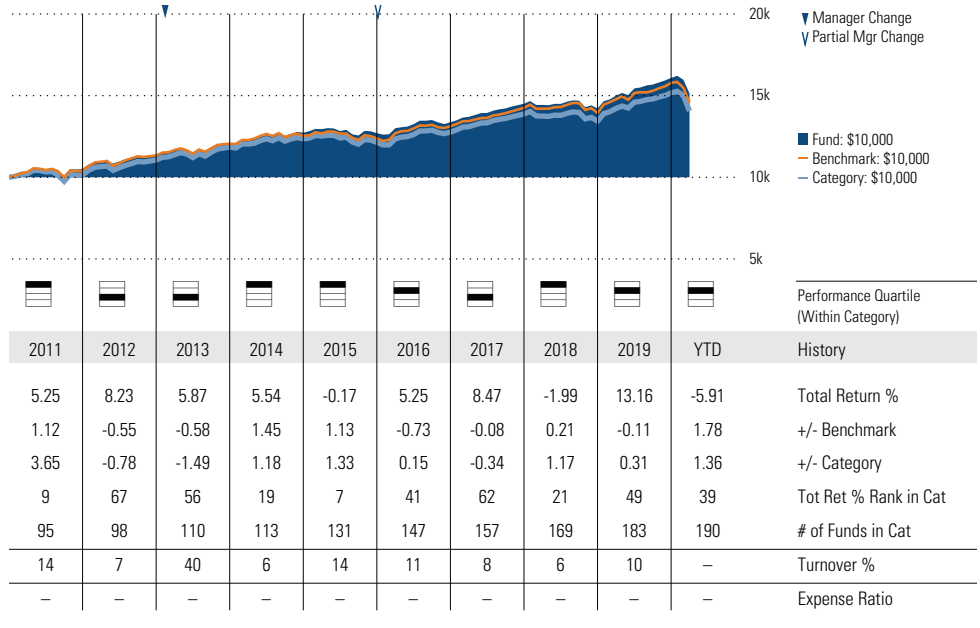
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.12 is 84.21% lower than the Target-Date Retirement category average.

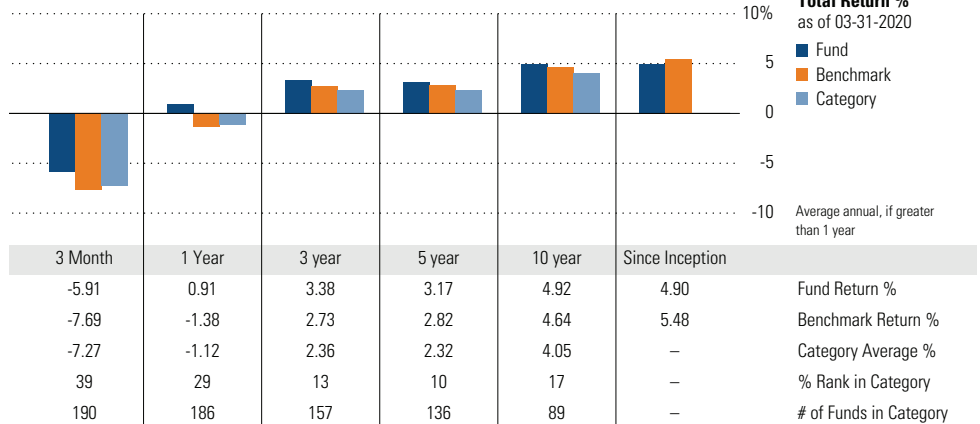
## Morningstar Investment Management LLC Analysis

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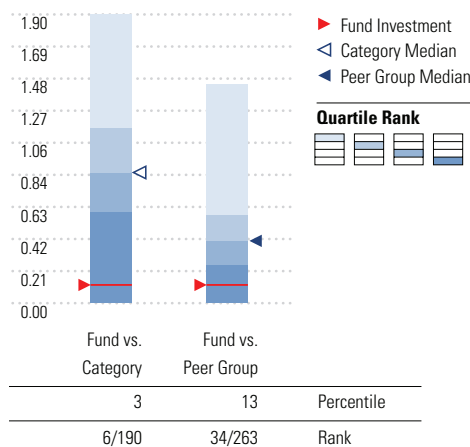
## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	1.00	-	-0.68
Beta	0.86	-	1.01
R-Squared	96.85	-	92.77
Standard Deviation	4.94	5.67	5.91
Sharpe Ratio	0.35	0.20	0.09
Tracking Error	1.19	-	1.90
Information Ratio	0.55	-	-0.31
Up Capture Ratio	92.07	-	89.21
Down Capture Ratio	77.19	-	96.32

## Portfolio Metrics

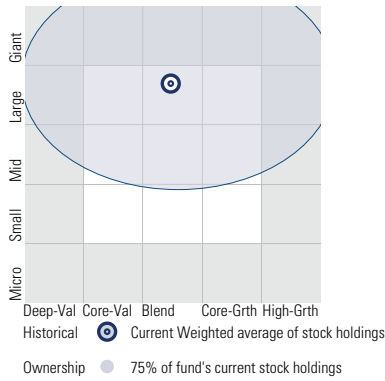
	Fund	Bmark	Cat
Price/Earnings Ratio	14.14	14.63	15.04
Price/Book Ratio	1.60	1.69	1.76
Avg Eff Duration	5.79	4.99	5.35

# Vanguard Target Retirement Income Inv VTINX

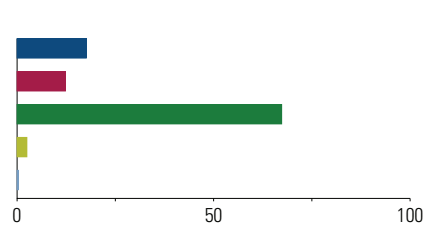
**Morningstar Category**  
Target-Date Retirement

**Morningstar Index**  
Morningstar Lifetime Mod Incm TR USD

**Style Analysis** as of 03-31-2020  
Morningstar Style Box™

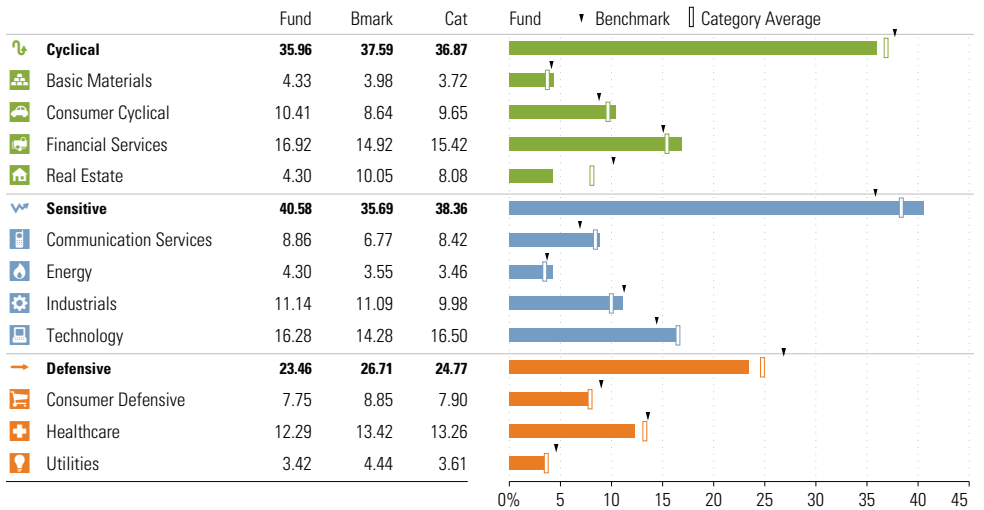


**Asset Allocation** as of 03-31-2020

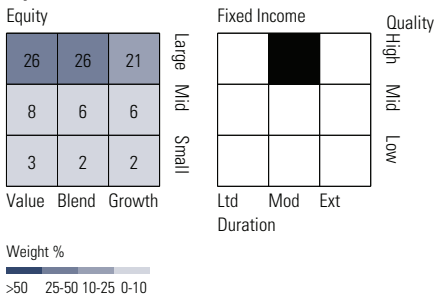


Asset Class	Net %	Cat%
US Stocks	17.59	19.28
Non-US Stocks	12.29	9.68
Bonds	67.31	56.08
Cash	2.48	5.53
Other	0.31	9.43
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 03-31-2020



**Style Breakdown**



**Top 6 Holdings** as of 03-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Bond Market II Idx Inv	—	37.55	37.55	—	—
⊕ Vanguard Total Stock Mkt Idx Inv	—	17.90	55.45	—	—
⊖ Vanguard Shrt-Term Infl-Prot Sec Idx Inv	—	16.51	71.96	—	—
⊖ Vanguard Total Intl Bd Idx Investor	—	15.55	87.50	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	12.42	99.93	—	—
⊕ Cmt Market Liquidity Rate	—	0.07	100.00	—	—

**Total Holdings 6**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

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**Morningstar Index**  
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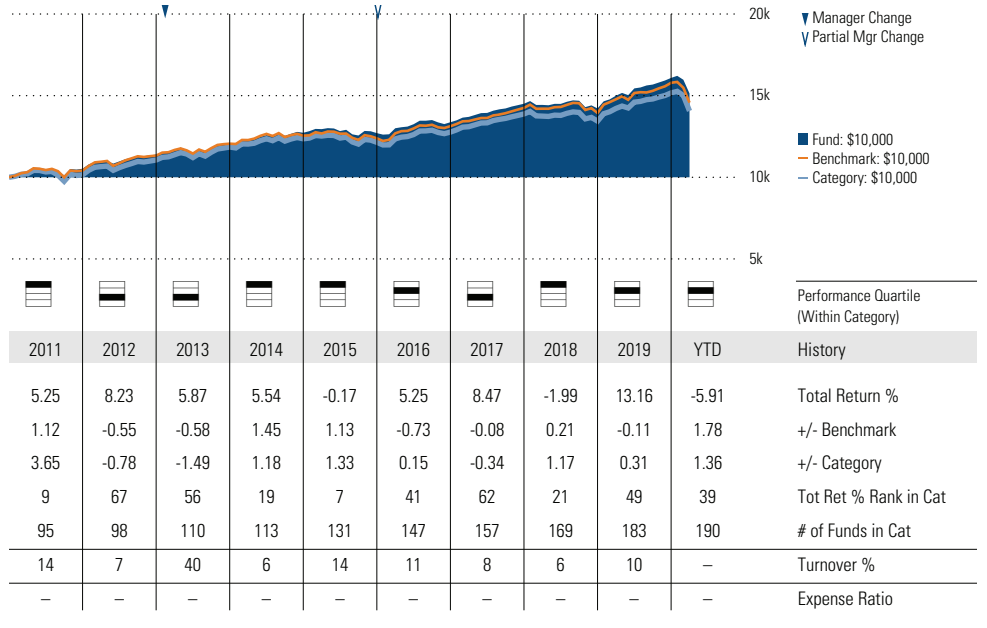
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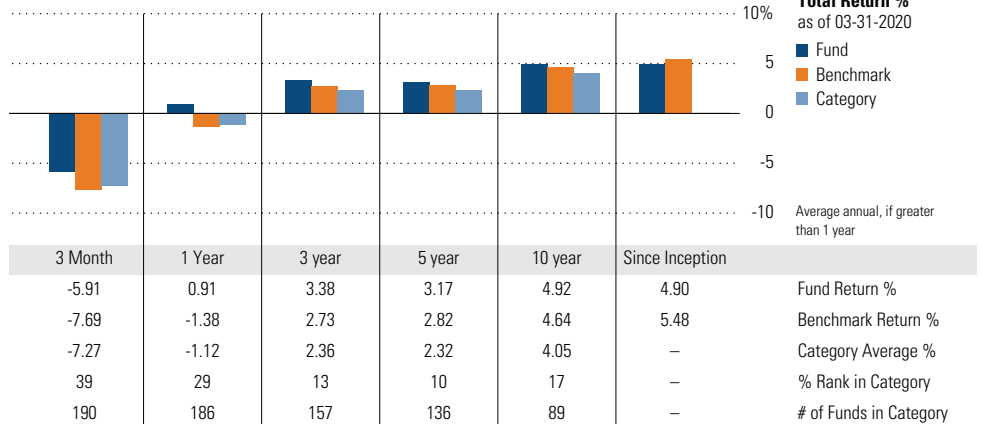
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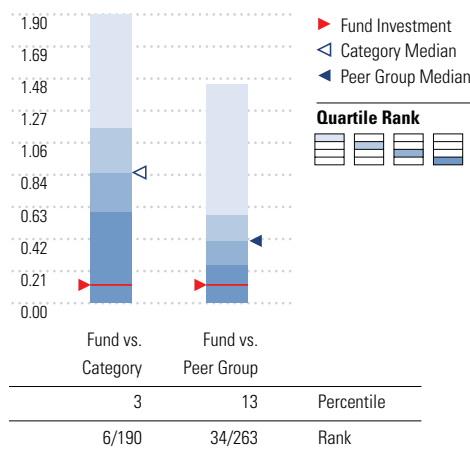
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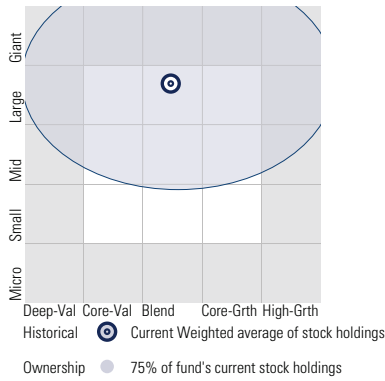
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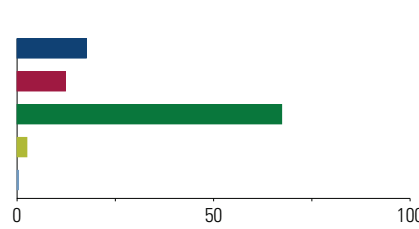
**Morningstar Category**  
Target-Date Retirement

**Morningstar Index**  
Morningstar Lifetime Mod Incm TR USD

**Style Analysis** as of 03-31-2020  
Morningstar Style Box™

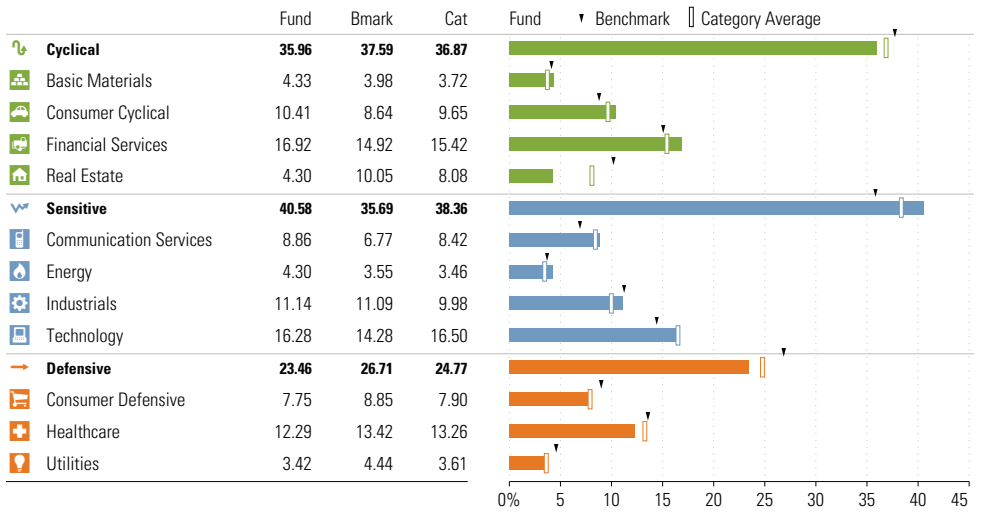


**Asset Allocation** as of 03-31-2020

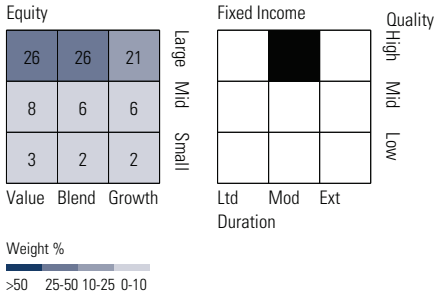


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